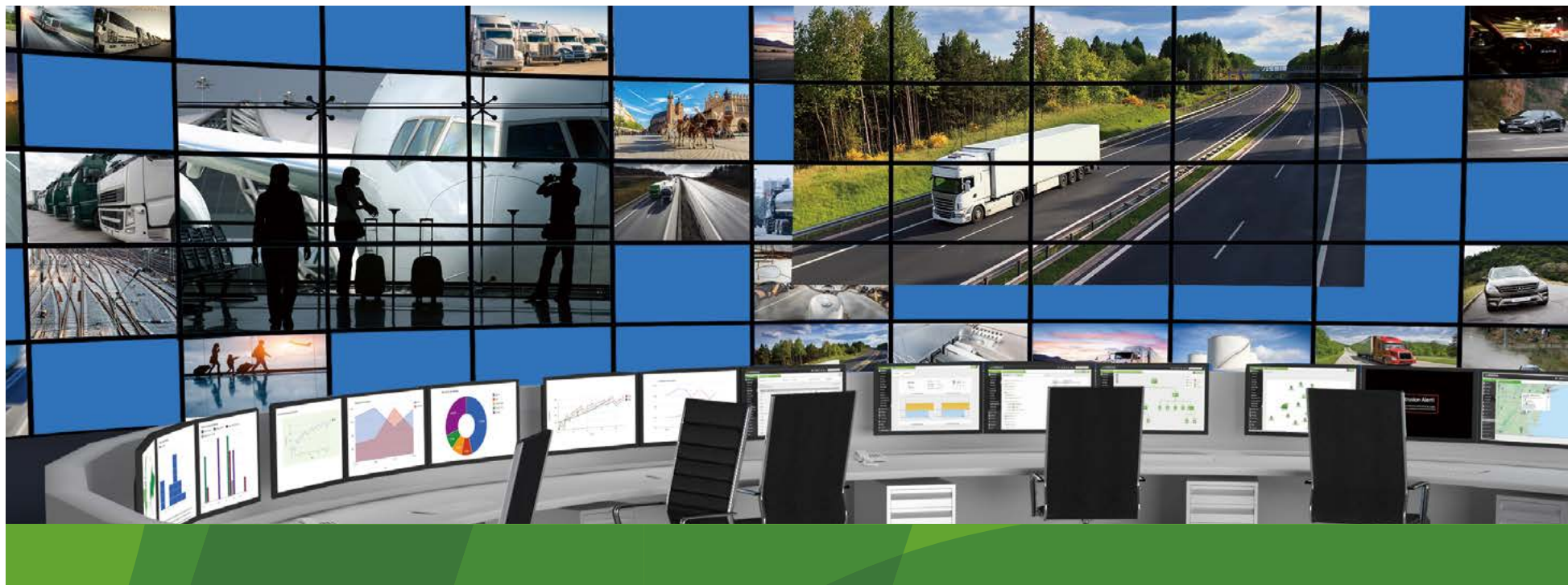




# Display & Control

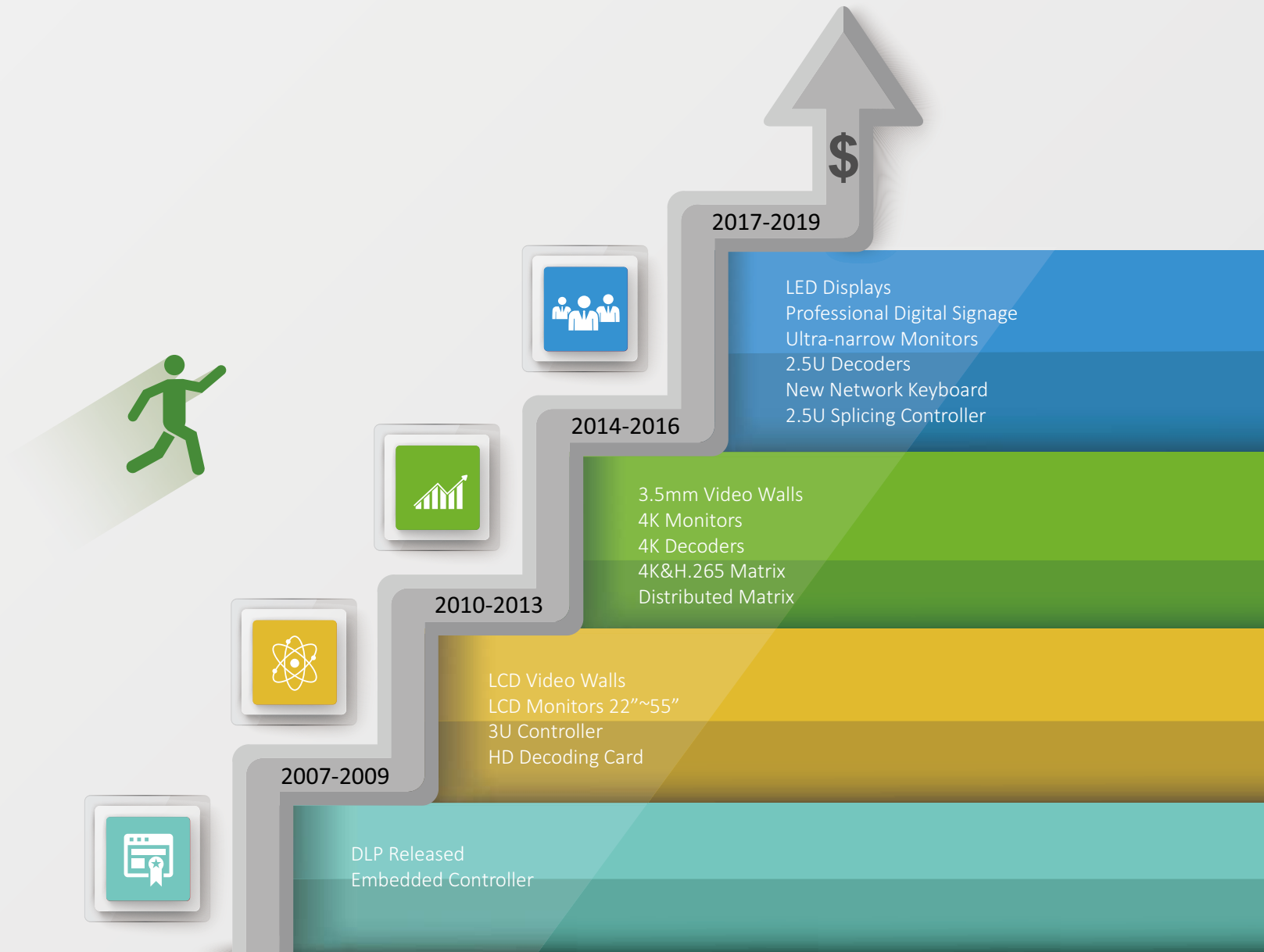
Products and Solutions



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# OUR DEVELOPMENT



## LCD Video Walls

- Industrial level LCD panel, suitable for continuous 24/7 operation
- High contrast ratio and brightness greatly enhance the video definition and details
- High fidelity digital processing for a brilliant and vivid video
- Shorter response time and no image ghosting
- 178°/178° ultra-wide viewing angle

### High Brightness Series

|                     | LS650KCH-ES                                                                         | LS550UEH-EG                                                                         | DHL550UDH-EG                                                                        |
|---------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model               |  |  |  |
| Screen Size         | 65"(16:9)                                                                           | 55"(16:9)                                                                           | 55"(16:9)                                                                           |
| LCD Technology      | PVA                                                                                 | IPS                                                                                 | IPS                                                                                 |
| Resolution          | 3840x2160                                                                           | 1920x1080                                                                           | 1920x1080                                                                           |
| Backlight           | Direct LED                                                                          | Direct LED                                                                          | Direct LED                                                                          |
| Bezel Width         | 2.3mm(U/L)<br>1.2mm(R/B)                                                            | 0.44mm(U/L)<br>0.44mm(R/B)                                                          | 0.9mm(U/L)<br>0.9mm(R/B)                                                            |
| Pixel Density       | 68dpi                                                                               | 40dpi                                                                               | 40dpi                                                                               |
| Brightness          | 700cd/m <sup>2</sup>                                                                | 700cd/m <sup>2</sup>                                                                | 700cd/m <sup>2</sup>                                                                |
| Contrast Ratio      | 4000:1                                                                              | 1200:1                                                                              | 1400:1                                                                              |
| Viewing Angle       | H 178°, V 178°                                                                      | H 178°, V 178°                                                                      | H 178°, V 178°                                                                      |
| Response Time       | 8ms                                                                                 | 8ms                                                                                 | 8ms                                                                                 |
| Display Color       | 8bit                                                                                | 10bit                                                                               | 10bit                                                                               |
| Color Temperature   | 10,000K                                                                             | 10,000K                                                                             | 10,000K                                                                             |
| MTBF                | 50,000h                                                                             | 50,000h                                                                             | 50,000h                                                                             |
| Input               | 1 VGA, 1 DVI-D,<br>2 HDMI, 1 DP, 1 RS232,<br>1 Audio, 1 OPS, 1 IR                   | 2 CVBS, 1 VGA<br>1 DVI-D, 1 HDMI, 1 RS232,<br>1 USB, 1 IR                           | 2 CVBS, 1 VGA<br>1 DVI-D, 1 HDMI, 1 RS232,<br>1 USB, 1 IR                           |
| Output              | 1 DP, 1 RS232, 1 Audio out                                                          | 2 CVBS, 1 RS232                                                                     | 2 CVBS, 1 RS232                                                                     |
| Control             | RS232, Infrared Remote                                                              | RS232, Infrared Remote                                                              | RS232, Infrared Remote                                                              |
| Working Temperature | 0°C~+50°C<br>(+32°F~+122°F)                                                         | 0°C~+50°C<br>(+32°F~+122°F)                                                         | 0°C~+50°C<br>(+32°F~+122°F)                                                         |
| Working Humidity    | 20%~90%                                                                             | 10%~90%                                                                             | 10%~90%                                                                             |
| Power & Consumption | AC100~240V , 325W                                                                   | AC100~240V , 150W                                                                   | AC100~240V , 150W                                                                   |
| Dimensions          | 1432.6×807.6×112.6mm<br>(56.4"×31.8"×4.4")                                          | 1210.8×681.5×113.2mm<br>(47.7"×26.8"×4.5")                                          | 1211.5×682.3×112.6mm<br>(47.7"×26.9"×4.4")                                          |
| Installation        | Floor-standing,<br>Wall-mounted(Optional)                                           | Floor-standing,<br>Wall-mounted(Optional)                                           | Floor-standing,<br>Wall-mounted(Optional)                                           |

## High Brightness Series

| Model               | DHL550UDH-ES                                                                      | DHL550UCH-ES                                                                       | DHL460UDH-ES                                                                        | DHL460UCH-ES                                                                        |
|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                     |  |  |  |  |
| Screen Size         | 55"(16:9)                                                                         | 55"(16:9)                                                                          | 46"(16:9)                                                                           | 46"(16:9)                                                                           |
| LCD Technology      | PVA                                                                               | PVA                                                                                | PVA                                                                                 | PVA                                                                                 |
| Resolution          | 1920x1080                                                                         | 1920x1080                                                                          | 1920x1080                                                                           | 1920x1080                                                                           |
| Backlight           | Direct LED                                                                        | Direct LED                                                                         | Direct LED                                                                          | Direct LED                                                                          |
| Bezel Width         | 1.15mm(U/L)<br>0.55mm(R/B)                                                        | 2.3mm(U/L)<br>1.2mm(R/B)                                                           | 1.15mm(U/L)<br>0.55mm(R/B)                                                          | 2.3mm(U/L)<br>1.2mm(R/B)                                                            |
| Pixel Density       | 40dpi                                                                             | 40dpi                                                                              | 48dpi                                                                               | 48dpi                                                                               |
| Brightness          | 700cd/m <sup>2</sup>                                                              | 700cd/m <sup>2</sup>                                                               | 700cd/m <sup>2</sup>                                                                | 700cd/m <sup>2</sup>                                                                |
| Contrast Ratio      | 4000:1                                                                            | 4000:1                                                                             | 4000:1                                                                              | 3500:1                                                                              |
| Viewing Angle       | H 178°, V 178°                                                                    | H 178°, V 178°                                                                     | H 178°, V 178°                                                                      | H 178°, V 178°                                                                      |
| Response Time       | 8ms                                                                               | 8ms                                                                                | 8ms                                                                                 | 8ms                                                                                 |
| Display Color       | 8bit                                                                              | 8bit                                                                               | 8bit                                                                                | 8bit                                                                                |
| Color Temperature   | 10,000K                                                                           | 10,000K                                                                            | 10,000K                                                                             | 10,000K                                                                             |
| MTBF                | 50,000h                                                                           | 50,000h                                                                            | 50,000h                                                                             | 50,000h                                                                             |
| Input               | 2 CVBS, 1 VGA<br>1 DVI-D, 1 HDMI, 1 RS232,<br>1 USB, 1 IR                         | 2 CVBS, 1 VGA<br>1 DVI-D, 1 HDMI, 1 RS232,<br>1 USB, 1 IR                          | 2 CVBS, 1 VGA<br>1 DVI-D, 1 HDMI, 1 RS232,<br>1 USB, 1 IR                           | 2 CVBS, 1 VGA<br>1 DVI-D, 1 HDMI, 1 RS232,<br>1 USB, 1 IR                           |
| Output              | 2 CVBS, 1 RS232                                                                   | 2 CVBS, 1 RS232                                                                    | 2 CVBS, 1 RS232                                                                     | 2 CVBS, 1 RS232                                                                     |
| Control             | RS232, Infrared Remote                                                            | RS232, Infrared Remote                                                             | RS232, Infrared Remote                                                              | RS232, Infrared Remote                                                              |
| Working Temperature | 0°C~+50°C<br>(+32°F~+122°F)                                                       | 0°C~+50°C<br>(+32°F~+122°F)                                                        | 0°C~+50°C<br>(+32°F~+122°F)                                                         | 0°C~+50°C<br>(+32°F~+122°F)                                                         |
| Working Humidity    | 20%~90%                                                                           | 20%~90%                                                                            | 20%~90%                                                                             | 20%~90%                                                                             |
| Power & Consumption | AC100~240V, 150W                                                                  | AC100~240V, 150W                                                                   | AC100~240V, 120W                                                                    | AC100~240V, 133W                                                                    |
| Dimensions          | 1211.5×682.3×118.3mm<br>(47.7"×26.9"×4.7")                                        | 1213.5mm×684.4mm×121.1mm<br>(47.8"×27"×4.8")                                       | 1020.0×574.6×118.7mm<br>(40.2"×22.6"×4.7")                                          | 1022.0×576.7×117.0mm<br>(40.2"×22.7"×4.6")                                          |
| Installation        | Floor-standing,<br>Wall-mounted(Optional)                                         | Floor-standing,<br>Wall-mounted(Optional)                                          | Floor-standing,<br>Wall-mounted(Optional)                                           | Floor-standing,<br>Wall-mounted(Optional)                                           |

[illegible]

## Standard Brightness Series

|                     | LS490YXS-EF                                                                       | DHL460UDM-ES                                                                      | DHL460UCM-ES                                                                        | LS460UCM-EF                                                                         | DHL460UTS-E                                                                         |
|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model               |  |  |  |  |  |
| Screen Size         | 49"(16:9)                                                                         | 46"(16:9)                                                                         | 46"(16:9)                                                                           | 46"(16:9)                                                                           | 46"(16:9)                                                                           |
| LCD Technology      | ADS                                                                               | PVA                                                                               | PVA                                                                                 | ADS                                                                                 | PVA                                                                                 |
| Resolution          | 1920x1080                                                                         | 1920x1080                                                                         | 1920x1080                                                                           | 1920x1080                                                                           | 1920x1080                                                                           |
| Backlight           | Direct LED                                                                        | Direct LED                                                                        | Direct LED                                                                          | Direct LED                                                                          | Direct LED                                                                          |
| Bezel Width         | 5.9mm(U/R/L/B)                                                                    | 1.15mm(U/L)<br>0.55mm(R/B)                                                        | 2.3mm(U/L)<br>1.2mm(R/B)                                                            | 2.3mm(U/L)<br>1.2mm(R/B)                                                            | 3.7mm(U/L)<br>1.8mm(R/B)                                                            |
| Pixel Density       | 46dpi                                                                             | 48dpi                                                                             | 48dpi                                                                               | 48dpi                                                                               | 48dpi                                                                               |
| Brightness          | 380cd/m <sup>2</sup>                                                              | 500cd/m <sup>2</sup>                                                              | 500cd/m <sup>2</sup>                                                                | 500cd/m <sup>2</sup>                                                                | 500cd/m <sup>2</sup>                                                                |
| Contrast Ratio      | 1200:1                                                                            | 4000:1                                                                            | 3500:1                                                                              | 1200:1                                                                              | 3500:1                                                                              |
| Viewing Angle       | H 178°, V 178°                                                                    | H 178°, V 178°                                                                    | H 178°, V 178°                                                                      | H 178°, V 178°                                                                      | H 178°, V 178°                                                                      |
| Response Time       | 8ms                                                                               | 8ms                                                                               | 8ms                                                                                 | 8ms                                                                                 | 8ms                                                                                 |
| Display Color       | 8bit                                                                              | 8bit                                                                              | 8bit                                                                                | 8bit                                                                                | 8bit                                                                                |
| Color Temperature   | 10,000K                                                                           | 10,000K                                                                           | 10,000K                                                                             | 10,000K                                                                             | 10,000K                                                                             |
| MTBF                | 15,000h                                                                           | 50,000h                                                                           | 50,000h                                                                             | 50,000h                                                                             | 50,000h                                                                             |
| Input               | 2 CVBS, 1 VGA<br>1 DVI-D, 1 HDMI, 1 RS232,<br>1 USB                               | 2 CVBS, 1 VGA<br>1 DVI-D, 1 HDMI, 1 RS232,<br>1 USB, 1 IR                         | 2 CVBS, 1 VGA<br>1 DVI-D, 1 HDMI, 1 RS232,<br>1 USB, 1 IR                           | 1 CVBS, 1 VGA<br>1 DVI-D, 1 HDMI, 1 RS232,<br>2 USB, 1 Audio in, 1 IR               | 2 CVBS, 1 VGA<br>1 DVI-D, 1 HDMI, 1 RS232,<br>1 USB, 1 IR                           |
| Output              | 2 CVBS, 1 RS232, 2 speakers                                                       | 2 CVBS, 1 RS232                                                                   | 2 CVBS, 1 RS232                                                                     | 1 CVBS, 1 RS232, 2 HDMI,<br>1 VGA, 1 Audio out                                      | 2 CVBS, 1 RS232                                                                     |
| Control             | RS232, Infrared Remote                                                            | RS232, Infrared Remote                                                            | RS232, Infrared Remote                                                              | RS232, Infrared Remote                                                              | RS232, Infrared Remote                                                              |
| Working Temperature | 0°C~+50°C<br>(+32°F~+122°F)                                                       | 0°C~+50°C<br>(+32°F~+122°F)                                                       | 0°C~+50°C<br>(+32°F~+122°F)                                                         | 0°C~+50°C<br>(+32°F~+122°F)                                                         | 0°C~+50°C<br>(+32°F~+122°F)                                                         |
| Working Humidity    | 20%~90%                                                                           | 20%~90%                                                                           | 20%~90%                                                                             | 10%~80%                                                                             | 20%~90%                                                                             |
| Power&Consumption   | AC100~240V, 70W                                                                   | AC100~240V, 120W                                                                  | AC100~240V, 110W                                                                    | AC100~240V, 110W                                                                    | AC100~240V, 100W                                                                    |
| Dimensions          | 1090.4×621.3×45.5mm<br>(42.9"×24.5"×1.8")                                         | 1020.0×574.6×118.7mm<br>(40.2"×22.6"×4.7")                                        | 1022.0×576.6×117.0mm<br>(40.2"×22.7"×4.6")                                          | 1022.0×576.6×107.3mm<br>(40.2"×22.7"×4.2")                                          | 1024.0×578.6×132.0mm<br>(40.3"×22.8"×5.2")                                          |
| Installation        | Floor-standing,<br>Wall-mounted(Optional)                                         | Floor-standing,<br>Wall-mounted(Optional)                                         | Floor-standing,<br>Wall-mounted(Optional)                                           | Floor-standing,<br>Wall-mounted(Optional)                                           | Floor-standing,<br>Wall-mounted(Optional)                                           |

# LED Displays

## Indoor Series

- Meets your pursuit for perfect appearance
- Ultra high refresh rate and contrast ratio
- 16 bits color brings you fantastic visual experience
- Ultra thin cabinet for wall mounted installation

## Indoor Series

|                     | PHSA1.2-EH/SH                                                                       | PHSA1.6-EH/SH                                                                       |
|---------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model               |  |  |
| Pixel Pitch         | 1.27mm                                                                              | 1.69mm                                                                              |
| Pixel Configuration | 1R1G1B                                                                              | 1R1G1B                                                                              |
| LED Type            | SMD0808                                                                             | SMD1010                                                                             |
| Pixel Density       | 620,001 pixels/m <sup>2</sup>                                                       | 350,128 pixels/m <sup>2</sup>                                                       |
| Brightness          | 600cd/m <sup>2</sup>                                                                | 600cd/m <sup>2</sup>                                                                |
| Contrast Ratio      | 3000:1                                                                              | 3000:1                                                                              |
| Display Frame Rate  | 50/60Hz                                                                             | 50/60Hz                                                                             |
| Refresh Rate        | 3000Hz                                                                              | 1920Hz                                                                              |
| Color Temperature   | 2000K-9300K(adjustable)                                                             | 2000K~9300K(adjustable)                                                             |
| Viewing Angle       | H160°, V160°                                                                        | H160°, V160°                                                                        |
| Display Color       | 16bits                                                                              | 14bits                                                                              |
| MTBF                | 50,000h                                                                             | 50,000h                                                                             |
| Ingress Protection  | IP30                                                                                | IP30                                                                                |
| Working Temperature | -20°C~+50°C<br>(-4°F~+122°F)                                                        | -20°C~+50°C<br>(-4°F~+122°F)                                                        |
| Working Humidity    | 10%~90%                                                                             | 10%~90%                                                                             |
| Power(Avg)          | AC100~240V(+/-10%),<br>195W/m <sup>2</sup>                                          | AC100~240V(+/-10%),<br>147W/m <sup>2</sup>                                          |
| Module Size         | 162.5×121.6mm<br>(6.4"×4.8")                                                        | 162.5×121.6mm<br>(6.4"×4.8")                                                        |
| Cabinet Size        | 650×365×88mm<br>(25.6"×14.4"×3.5")                                                  | 650×365×88mm<br>(25.6"×14.4"×3.5")                                                  |
| Cabinet Weight      | 7.8kg(17.2lb)                                                                       | 7.8kg(17.2lb)                                                                       |
| Maintenance Mode    | Front/Rear Maintenance                                                              | Front/Rear Maintenance                                                              |

## Indoor Series

|                     | PHSA1.4-MH                                                                        | PHSA1.6-MH                                                                        | PHSA1.9-EH/SH                                                                      | PHSA1.9-MH                                                                          | PHSIA1.2-SH                                                                         | PHSIA1.6-SH                                                                         | PHSA2.5-EH/-SH                                                                      |
|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model               |  |  |  |  |  |  |  |
| Pixel Pitch         | 1.44mm                                                                            | 1.60mm                                                                            | 1.935mm                                                                            | 1.92mm                                                                              | 1.25mm                                                                              | 1.667mm                                                                             | 2.5mm                                                                               |
| Pixel Configuration | 1R1G1B                                                                            | 1R1G1B                                                                            | 1R1G1B                                                                             | 1R1G1B                                                                              | 1R1G1B                                                                              | 1R1G1B                                                                              | 1R1G1B                                                                              |
| LED Type            | SMD0909                                                                           | SMD0909                                                                           | SMD1010                                                                            | SMD0909                                                                             | SMD1010                                                                             | SMD1010                                                                             | SMD2020                                                                             |
| Pixel Density       | 482,253 pixels/m <sup>2</sup>                                                     | 390,625 pixels/m <sup>2</sup>                                                     | 267,078 pixels/m <sup>2</sup>                                                      | 271,267 pixels/m <sup>2</sup>                                                       | 640,000 pixels/m <sup>2</sup>                                                       | 360,000 pixels/m <sup>2</sup>                                                       | 160,000 pixels/m <sup>2</sup>                                                       |
| Brightness          | 800cd/m <sup>2</sup>                                                              | 800cd/m <sup>2</sup>                                                              | 600cd/m <sup>2</sup>                                                               | 800cd/m <sup>2</sup>                                                                | 600cd/m <sup>2</sup>                                                                | 800cd/m <sup>2</sup>                                                                | 800cd/m <sup>2</sup>                                                                |
| Contrast Ratio      | 6000:1                                                                            | 8000:1                                                                            | 3000:1                                                                             | 8000:1                                                                              | 4000:1                                                                              | 4000:1                                                                              | 3000:1                                                                              |
| Display Frame Rate  | 50/60Hz                                                                           | 50/60Hz                                                                           | 50/60Hz                                                                            | 50/60Hz                                                                             | 50/60Hz                                                                             | 50/60Hz                                                                             | 50/60Hz                                                                             |
| Refresh Rate        | 7200Hz                                                                            | 7200Hz                                                                            | 1920Hz                                                                             | 7200Hz                                                                              | 3840Hz                                                                              | 1920Hz/2880Hz/3840Hz optional                                                       | 1920Hz                                                                              |
| Color Temperature   | 1500K~12000K (adjustable)                                                         | 1500K~12000K (adjustable)                                                         | 2000K~9300K (adjustable)                                                           | 1500K~12000K(adjustable)                                                            | 4000K~9500K(adjustable)                                                             | 4000K~9500K(adjustable)                                                             | 3200K~9300K(adjustable)                                                             |
| Viewing Angle       | H170°, V160°                                                                      | H170°, V160°                                                                      | H160°, V160°                                                                       | H170°, V160°                                                                        | H160°,V160°                                                                         | H160°,V160°                                                                         | H120°, V120°                                                                        |
| Display Color       | 16bits                                                                            | 16bits                                                                            | 14bits                                                                             | 16bits                                                                              | 16bits                                                                              | 14bits                                                                              | 16bits                                                                              |
| MTBF                | 80,000h                                                                           | 80,000h                                                                           | 50,000h                                                                            | 80,000h                                                                             | 100,000h                                                                            | 100,000h                                                                            | 100,000h                                                                            |
| Ingress Protection  | Front IP40/Rear IP42                                                              | Front IP40/Rear IP42                                                              | IP30                                                                               | Front IP40/Rear IP42                                                                | IP30                                                                                | IP40                                                                                | IP30                                                                                |
| Working Temperature | -20°C~+50°C<br>(-4°F~+122°F)                                                      | -20°C~+50°C<br>(-4°F~+122°F)                                                      | -20°C~+50°C<br>(-4°F~+122°F)                                                       | -20°C~+50°C<br>(-4°F~+122°F)                                                        | -10°C~+55°C<br>(14°F~+131°F)                                                        | -10°C~+55°C<br>(14°F~+131°F)                                                        | 0°C~+45°C<br>(+32°F~+113°F)                                                         |
| Working Humidity    | 10%~90%                                                                           | 10%~90%                                                                           | 10%~90%                                                                            | 10%~90%                                                                             | 10%~80%                                                                             | 10%~80%                                                                             | 10%~80%                                                                             |
| Power(Avg)          | AC100~240(+/-10%),<br>310W/m <sup>2</sup>                                         | AC100~240(+/-10%),<br>310W/m <sup>2</sup>                                         | AC100~240V (+/-10%),<br>144 W/m <sup>2</sup>                                       | AC100~240V (+/-10%),<br>260 W/m <sup>2</sup>                                        | AC100~240V(+/-10%),<br>150 W/m <sup>2</sup>                                         | AC100~240V(+/-10%),<br>150W/m <sup>2</sup>                                          | AC100~240V (+/-10%),<br>350 W/m <sup>2</sup>                                        |
| Module Size         | 230.4×172.8mm<br>(9.1"×6.8")                                                      | 230.4×172.8mm<br>(9.1"×6.8")                                                      | 162.5×121.6mm<br>(6.4"×4.8")                                                       | 230.4×172.8mm<br>(9.1"×6.8")                                                        | 150×168.75 mm<br>(5.9"×6.6")                                                        | 200×150mm<br>(7.9"×5.9")                                                            | 240×240mm<br>(9.4"×9.4")                                                            |
| Cabinet Size        | 460.8×345.6×39.5mm<br>(18.1"×13.6"×1.6")                                          | 460.8×345.6×39.5mm<br>(18.1"×13.6"×1.6")                                          | 650×365×88mm<br>(25.6"×14.4"×3.5")                                                 | 460.8×345.6×39.5mm<br>(18.1"×13.6"×1.6")                                            | 600×337.5×67 mm<br>(23.6"×13.3"×2.6")                                               | 400×300×70 mm<br>(15.7"×11.8"×2.8")                                                 | 480×480×80mm<br>(18.9"×18.9"×3.1")                                                  |
| Cabinet Weight      | 6.1kg(13.4lb)                                                                     | 7.7kg(17.0lb)                                                                     | 7.8kg(17.2lb)                                                                      | 7.7kg(17.0lb)                                                                       | 8kg(17.64b)                                                                         | 7.2kg(15.87b)                                                                       | 8.5kg(18.7lb)                                                                       |
| Maintenance Mode    | Front Maintenance                                                                 | Front Maintenance                                                                 | Front/Rear Maintenance                                                             | Front Maintenance                                                                   | Front/Rear Maintenance                                                              | Rear Maintenance                                                                    | Rear Maintenance                                                                    |

# Monitors

- 4K Series**  
 3840x2160 Ultra-HD resolution  
 1.07B colors, for a realistic and immersive visual experience
- High Protective Series**  
 Abundant interfaces meet different application scenarios  
 Industrial level LCD panel, suitable for continuous 24/7 operation
- Blade Series**  
 Ultra-narrow bezel design
- Essential Security Series:**  
 Built in BNC analog inputs  
 Shorter response time and no image ghosting
- Light Series**  
 Lightweight and cost-effective  
 Suitable for continuous 16/7 operation
- Commercial Series**  
 For desktop use, cost-effective  
 Ultra-narrow bezel design, elegant appearance

## 4K Series

|                      | LM55-F410                                                                           | LM50-F410                                                                           | LM43-F410                                                                           |
|----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model                |  |  |  |
| Screen Size          | 55"(16:9)                                                                           | 50"(16:9)                                                                           | 43"(16:9)                                                                           |
| Resolution           | 3840x2160                                                                           | 3840x2160                                                                           | 3840x2160                                                                           |
| Brightness           | 350cd/m <sup>2</sup>                                                                | 350cd/m <sup>2</sup>                                                                | 350cd/m <sup>2</sup>                                                                |
| Contrast Ratio       | 1200:1                                                                              | 4000:1                                                                              | 5000:1                                                                              |
| Viewing Angle        | H 178°, V 178°                                                                      | H 178°, V 178°                                                                      | H 178°, V 178°                                                                      |
| Response Time        | 8ms                                                                                 | 8.5ms                                                                               | 8.5ms                                                                               |
| Display Color        | 8bit                                                                                | 10bit                                                                               | 8bit                                                                                |
| Input                | 2 HDMI 2.0, 1 USB 3.0,<br>1 USB 2.0, 1 Audio, 1 RJ45(RS232),<br>1 LAN               | 2 HDMI 2.0, 1 USB 3.0,<br>1 USB 2.0, 1 Audio, 1 RJ45, 1 LAN                         | 2 HDMI 2.0, 1 USB 3.0,<br>1 USB 2.0, 1 Audio, 1 RJ45, 1 LAN                         |
| Output               | 1 Headphone Jack,<br>2 Speakers                                                     | 1 Headphone Jack,<br>2 Speakers                                                     | 1 Headphone Jack,<br>2 Speakers                                                     |
| Control              | Infrared Remote, Physical Button                                                    | Infrared Remote, Physical Button                                                    | Infrared Remote, Physical Button                                                    |
| Working Temperature  | 5°C~40°C<br>(+41°F~+104°F)                                                          | 5°C~40°C<br>(+41°F~+104°F)                                                          | 5°C~40°C<br>(+41°F~+104°F)                                                          |
| Working Humidity     | 20%~80%                                                                             | 20%~80%                                                                             | 20%~80%                                                                             |
| Power & Consumption  | AC100~240V (+/-10%),<br>50/60 Hz, 130W                                              | AC100~240V (+/-10%),<br>50/60 Hz, 130W                                              | AC100~240V (+/-10%),<br>50/60 Hz, 120W                                              |
| Bezel Width          | 9.8mm (U/L/R), 15.1mm (B)                                                           | 9.8mm (U/L/R), 15.1mm (B)                                                           | 11.9mm (U/L/R), 14.9mm (B)                                                          |
| VESA                 | 200x200mm                                                                           | 200x200mm                                                                           | 400x400mm                                                                           |
| Dimensions           | 1231.6x707.7x62.5mm<br>(36.9"x21.2"x1.9")                                           | 1118.2x642.9x62.5mm<br>(33.5"x19.3"x1.9")                                           | 968.2x559.4x59.9mm<br>(29.0"x16.8"x1.8")                                            |
| Weight               | 13.5kg (29.8lb)                                                                     | 12.3kg (27.1lb)                                                                     | 10.57kg (20.3lb)                                                                    |
| System Configuration | System:Android 5.1<br>RAM:1GB<br>Internal Storage:8GB                               | System:Android 5.1<br>RAM:1GB<br>Internal Storage:8GB                               | System:Android 5.1<br>RAM:1GB<br>Internal Storage:8GB                               |

| 4K Series           |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model               | LM27-F410                                                                         | LM55-S400                                                                         | LM49-S400                                                                           | LM43-S400                                                                           | LM28-S400                                                                           |
|                     |  |  |  |  |  |
| Screen Size         | 27"(16:9)                                                                         | 55"(16:9)                                                                         | 49"(16:9)                                                                           | 43"(16:9)                                                                           | 28"(16:9)                                                                           |
| Resolution          | 3840×2160                                                                         | 3840×2160                                                                         | 3840×2160                                                                           | 3840×2160                                                                           | 3840×2160                                                                           |
| Brightness          | 300cd/m <sup>2</sup>                                                              | 450cd/m <sup>2</sup>                                                              | 450cd/m <sup>2</sup>                                                                | 450cd/m <sup>2</sup>                                                                | 300cd/m <sup>2</sup>                                                                |
| Contrast Ratio      | 1000:1                                                                            | 1000:1                                                                            | 1000:1                                                                              | 1000:1                                                                              | 1000:1                                                                              |
| Viewing Angle       | H 178°, V 178°                                                                    | H 178°, V 178°                                                                    | H 178°, V 178°                                                                      | H 178°, V 178°                                                                      | H 170°, V 160°                                                                      |
| Response Time       | 14ms                                                                              | 6ms                                                                               | 8ms                                                                                 | 8ms                                                                                 | 5ms                                                                                 |
| Display Color       | 10bit                                                                             | 10bit                                                                             | 10bit                                                                               | 10bit                                                                               | 10bit                                                                               |
| Input               | 1 DP, 2 HDMI                                                                      | 1 DP, 2 HDMI, 1 VGA(D-Sub),<br>1 USB, 1 Audio, 1 RJ45(RS232)                      | 1 DP, 2 HDMI, 1 VGA,<br>1 USB, 1 Audio, 1 RJ45(RS232)                               | 1 DP, 2 HDMI, 1 VGA,<br>1 USB, 1 Audio, 1 RJ45(RS232)                               | 2 HDMI, 1 DP, 1 VGA,<br>1 USB, 1 BNC(CVBS), 1 Audio                                 |
| Output              | 1 Audio, 2 Speakers                                                               | 1 RJ45(RS232), 2 Speakers                                                         | 1 RJ45(RS232), 2 Speakers                                                           | 1 RJ45(RS232), 2 Speakers                                                           | 1 BNC(CVBS), 2 Speakers                                                             |
| Control             | Physical Button                                                                   | RS232, Infrared Remote                                                            | RS232, Infrared Remote                                                              | RS232, Infrared Remote                                                              | Physical Button, Infrared Remote                                                    |
| Working Temperature | 0°C~40°C<br>(+32°F~+104°F)                                                        | 0°C~40°C<br>(+32°F~+104°F)                                                        | 0°C~+40°C<br>(+32°F~+104°F)                                                         | 0°C~+40°C<br>(+32°F~+104°F)                                                         | 0°C~+40°C<br>(+32°F~+104°F)                                                         |
| Working Humidity    | 10%~85%                                                                           | 10%~85%                                                                           | 10%~85%                                                                             | 10%~85%                                                                             | 10%~85%                                                                             |
| Power & Consumption | DC 12V                                                                            | AC110~240V,<br>120W                                                               | AC110~240V,<br>90W                                                                  | AC110~240V,<br>70W                                                                  | AC110~240V,<br>40W                                                                  |
| Bezel Width         | 11.5mm(U/R/L), 17.5mm(B)                                                          | 8mm (U/L/R/B)                                                                     | 8mm (U/L/R/B)                                                                       | 8mm (U/L/R/B)                                                                       | 19.1mm (U), 19.0mm (R/L), 27.2mm(B)                                                 |
| VESA                | 75×75mm                                                                           | 400×400mm                                                                         | 400×400mm                                                                           | 400×400mm                                                                           | 100×100mm                                                                           |
| Dimensions          | 622.9×367.3×48mm<br>(24.5"×14.5"×1.9")                                            | 1227.2×699.6×65.0mm<br>(48.3"×27.5"×2.6")                                         | 1091.5×623.2×65.0mm<br>(43.0"×24.5"×2.6")                                           | 960.7×550.7×65.0mm<br>(37.8"×21.7"×2.6")                                            | 662.0×390.5×50.0mm<br>(26.1"×15.4"×2.0")                                            |
| Weight              | 5kg (11.0lb)                                                                      | 25.2kg (55.6lb)                                                                   | 20.5kg(45.2lb)                                                                      | 16.6kg(36.6lb)                                                                      | 6.65kg(14.7lb)                                                                      |

## High Protective Series

|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| Model               | DHL32                                                                               |
|                     |  |
| Screen Size         | 31.5"(16:9)                                                                         |
| Resolution          | 1920×1080                                                                           |
| Brightness          | 350cd/m²                                                                            |
| Contrast Ratio      | 1200:1                                                                              |
| Viewing Angle       | H 178°, V 178°                                                                      |
| Response Time       | 8ms                                                                                 |
| Display Color       | 8bit                                                                                |
| Input               | 2 BNC(CVBS), 1 VGA, 1 DVI-D, 1 HDMI, 1 USB, 1 Audio, 1 RS232                        |
| Output              | 2 BNC(CVBS), 2 Speakers, 1 RS232                                                    |
| Control             | RS232, Infrared Remote                                                              |
| Working Temperature | 0°C~+50°C (+32°F~+122°F)                                                            |
| Working Humidity    | 20%~90%                                                                             |
| Power & Consumption | AC100~240V(+/-10%), 35W                                                             |
| Bezel Width         | 25.5mm (U/L/R/B)                                                                    |
| VESA                | 300×300mm                                                                           |
| Dimensions          | 750.7×455.1×44.0mm (29.6"×17.9"×1.7")                                               |
| Weight              | 10Kg(22.0lb)                                                                        |

| Blade Series        |                                                                                   |                                                                                   |                                                                                    | Essential Security Series                                                           |                                                                                     |                                                                                     |
|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model               | LM22-F211                                                                         | LM24-F211                                                                         | LM27-F211                                                                          | LM24-L200                                                                           | LM22-L200                                                                           | LM18-L100                                                                           |
|                     |  |  |  |  |  |  |
| Screen Size         | 21.5"(16:9)                                                                       | 23.8"(16:9)                                                                       | 27"(16:9)                                                                          | 23.8"(16:9)                                                                         | 21.5"(16:9)                                                                         | 18.5"(16:9)                                                                         |
| Resolution          | 1920x1080                                                                         | 1920x1080                                                                         | 1920x1080                                                                          | 1920x1080                                                                           | 1920x1080                                                                           | 1366x768                                                                            |
| Brightness          | 250cd/m²                                                                          | 250cd/m²                                                                          | 300cd/m²                                                                           | 250cd/m²                                                                            | 200cd/m²                                                                            | 200cd/m²                                                                            |
| Contrast Ratio      | 1000:1                                                                            | 1000:1                                                                            | 1000:1                                                                             | 1000:1                                                                              | 1000:1                                                                              | 600:1                                                                               |
| Viewing Angle       | H 178°, V 178°                                                                    | H 178°, V 178°                                                                    | H 178°, V 178°                                                                     | H 178°, V 178°                                                                      | H 170°, V 160°                                                                      | H 178°, V 178°                                                                      |
| Response Time       | 14ms                                                                              | 14ms                                                                              | 14ms                                                                               | 5ms                                                                                 | 5ms                                                                                 | 5ms                                                                                 |
| Display Color       | 8bit                                                                              | 8bit                                                                              | 8bit                                                                               | 8bit                                                                                | 8bit                                                                                | 8bit                                                                                |
| Input               | 1 VGA, 1 HDMI<br>1 Audio                                                          | 1 VGA, 1 HDMI<br>1 Audio                                                          | 1 VGA, 1 HDMI<br>1 Audio                                                           | 1 VGA, 1 HDMI<br>1 BNC, 1 Audio,<br>1 S-video                                       | 1HD(support HDCVI, HDTVI, AHD,<br>CVBS),<br>1 VGA, 1 HDMI<br>1 BNC, 1 Audio         | 1 VGA, 1 HDMI<br>1 BNC, 1 Audio                                                     |
| Output              | 2 Speakers                                                                        | 2 Speakers                                                                        | 2 Speakers                                                                         | 2 Speakers, 1 BNC,<br>1 Audio                                                       | 2 Speakers, 1 HD(support HDCVI,<br>HDTVI, AHD, CVBS)                                | 2 Speakers                                                                          |
| Control             | Physical Button                                                                   | Physical Button                                                                   | Physical Button                                                                    | Physical Button                                                                     | Physical Button                                                                     | Physical Button                                                                     |
| Working Temperature | 0°C~+40°C<br>(+32°F~+104°F)                                                       | 0°C~+40°C<br>(+32°F~+104°F)                                                       | 0°C~+40°C<br>(+32°F~+104°F)                                                        | 0°C~+40°C<br>(+32°F~+104°F)                                                         | 0°C~+40°C<br>(+32°F~+104°F)                                                         | 0°C~+40°C<br>(+32°F~+104°F)                                                         |
| Working Humidity    | 10%~85%                                                                           | 10%~85%                                                                           | 10%~85%                                                                            | 10%~85%                                                                             | 10%~85%                                                                             | 10%~85%                                                                             |
| Power & Consumption | AC110~240V, 26W                                                                   | AC110~240V, 29W                                                                   | AC110~240V, 35W                                                                    | AC100~240V(+/-10%), 35W                                                             | AC100~240V(+/-10%), 30W                                                             | AC100~240V(+/-10%), 30W                                                             |
| Bezel Width         | 2.2mm (U/L/R), 18.1mm (B)                                                         | 2.2mm (U/L/R), 18.1mm (B)                                                         | 2.2mm (U/L/R), 18.1mm (B)                                                          | 23mm (U), 22mm (R/L), 24.5mm (B)                                                    | 24mm (U), 19.4mm (R/L), 25.4mm (B)                                                  | 17mm (U), 14.5mm (L/R), 26mm (B)                                                    |
| VESA                | 100×100mm                                                                         | 100×100mm                                                                         | 100×100mm                                                                          | 100×100mm                                                                           | 100×100mm                                                                           | 75×75mm                                                                             |
| Dimensions          | 489.8×293.7×42.7mm<br>(19.3"×11.6"×1.7")                                          | 540.6×322.6×46.9mm<br>(21.3"×12.7"×1.8")                                          | 611.9×366.6×49.0mm<br>(24.1"×14.4"×1.9")                                           | 577.0×347.7×51.2mm<br>(22.7"×13.7"×2.0")                                            | 516.6×316.7×51.2mm<br>(20.3"×12.5"×2.0")                                            | 442.0×276.0×51.5mm<br>(17.4"×10.9"×2.0")                                            |
| Weight              | 3.2kg(7.1lb)                                                                      | 3.7kg(8.2lb)                                                                      | 5.4kg(11.9lb)                                                                      | 4.25kg(9.4lb)                                                                       | 3.8 kg(8.4lb)                                                                       | 2.8kg(6.2lb)                                                                        |

## Light Series

|                     | LM32-F200                                                                         | LM43-F200                                                                         | DHL24-F600                                                                         | DHL22-F600-S                                                                        | DHL22-F600                                                                          | DHL19-F600                                                                          |
|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model               |  |  |  |  |  |  |
| Screen Size         | 31.5" (16:9)                                                                      | 42.5" (16:9)                                                                      | 23.8" (16:9)                                                                       | 21.5" (16:9)                                                                        | 20.7" (16:9)                                                                        | 19.5" (16:9)                                                                        |
| Resolution          | 1920×1080                                                                         | 1920×1080                                                                         | 1920×1080                                                                          | 1920×1080                                                                           | 1920×1080                                                                           | 1600×900                                                                            |
| Brightness          | 240 cd/m <sup>2</sup>                                                             | 330 cd/m <sup>2</sup>                                                             | 250cd/m <sup>2</sup>                                                               | 200cd/m <sup>2</sup>                                                                | 250cd/m <sup>2</sup>                                                                | 200cd/m <sup>2</sup>                                                                |
| Contrast Ratio      | 1400:1                                                                            | 1200:1                                                                            | 1000:1                                                                             | 1000:1                                                                              | 1000:1                                                                              | 1000:1                                                                              |
| Viewing Angle       | H 178°, V 178°                                                                    | H 178°, V 178°                                                                    | H 178°, V 178°                                                                     | H 178°, V 178°                                                                      | H 170°, V 160°                                                                      | H 170°, V 160°                                                                      |
| Response Time       | 8ms                                                                               | 8ms                                                                               | 5ms                                                                                | 5ms                                                                                 | 5ms                                                                                 | 5ms                                                                                 |
| Display Color       | 8 bits                                                                            | 8 bits                                                                            | 8bit                                                                               | 8bit                                                                                | 8bit                                                                                | 8bit                                                                                |
| Input               | 1 VGA, 1 HDMI, 1 USB                                                              | 1 VGA, 1 HDMI, 1 USB                                                              | 1 VGA, 1 HDMI, 1 Audio                                                             | 1 VGA, 1 HDMI, 1 Audio                                                              | 1 VGA, 1 HDMI<br>1 Audio                                                            | 1 VGA                                                                               |
| Output              | 2 Speaks                                                                          | 2 Speaks                                                                          | 2 Speakers                                                                         | 2 Speakers                                                                          | 2 Speakers                                                                          | —                                                                                   |
| Control             | Physical Button<br>Remote Cotrol                                                  | Physical Button<br>Remote Cotrol                                                  | Physical Button                                                                    | Physical Button                                                                     | Physical Button                                                                     | Physical Button                                                                     |
| Working Temperature | 0°C~+40°C<br>(+32°F~+104°F)                                                       | 0°C~+40°C<br>(+32°F~+104°F)                                                       | 0°C~+40°C<br>(+32°F~+104°F)                                                        | 0°C~+40°C<br>(+32°F~+104°F)                                                         | 0°C~+40°C<br>(+32°F~+104°F)                                                         | 0°C~+40°C<br>(+32°F~+104°F)                                                         |
| Working Humidity    | 20%~85%                                                                           | 10%~85%                                                                           | 10%~85%                                                                            | 10%~85%                                                                             | 10%~90%                                                                             | 10%~85%                                                                             |
| Power & Consumption | AC100~240V, 55W                                                                   | AC100~240V, 75W                                                                   | AC100~240V(+/-10%), 30W                                                            | AC110~240V, 25W                                                                     | AC100~240V(+/-10%), 24W                                                             | AC110~240V, 25W                                                                     |
| Bezel Width         | 13.9mm (U/R/L), 20.5mm (B)                                                        | 12.8mm (U/R/L), 22mm (B)                                                          | 12.5mm (U/R/L), 18mm (B)                                                           | 13.5mm (U/R/L), 19mm (B)                                                            | 15.2mm (U/R/L), 17.5mm (B)                                                          | 16.7mm (U/R/L), 25mm (B)                                                            |
| VESA                | 75×75mm                                                                           | 400×200mm                                                                         | 75×75mm                                                                            | 75×75mm                                                                             | 100×100mm                                                                           | 75×75mm                                                                             |
| Dimensions          | 731.4×432.6×67.5mm<br>(28.8"×17"×2.7")                                            | 969.1×566.8×82.4mm<br>(38.2"×22.3"×3.2")                                          | 553.2×328.1×48.5mm<br>(21.8"×12.9"×1.9")                                           | 502.8×299.8×47.6mm<br>(19.8"×11.5"×1.9")                                            | 490.3×292.3×48.3mm<br>(19.3"×11.5"×1.9")                                            | 467.0×283.0×51.5mm<br>(18.4"×11.1"×2.0")                                            |
| Weight              | 3.9kg (8.6lb)                                                                     | 7.4kg (16.3lb)                                                                    | 3.8kg(8.4lb)                                                                       | 3.2kg(7.1lb)                                                                        | 2.8kg(6.2lb)                                                                        | 3.8kg(8.4lb)                                                                        |

| Commercial Series   |                                                                                   |                                                                                   |                                                                                     | Project Series                                                                      |                                                                                     |
|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model               | LM22-B200                                                                         | LM24-B200                                                                         | LM27-B200                                                                           | DHL19-F500                                                                          | DHL22-L200                                                                          |
|                     |  |  |  |  |  |
| Screen Size         | 21.5" (16:9)                                                                      | 23.8" (16:9)                                                                      | 27" (16:9)                                                                          | 18.5" (16:9)                                                                        | 21.5" (16:9)                                                                        |
| Resolution          | 1920×1080                                                                         | 1920×1080                                                                         | 1920×1080                                                                           | 1366×768                                                                            | 1920×1080                                                                           |
| Brightness          | 200 cd/m <sup>2</sup>                                                             | 200 cd/m <sup>2</sup>                                                             | 250 cd/m <sup>2</sup>                                                               | 220 cd/m <sup>2</sup>                                                               | 250cd/m <sup>2</sup>                                                                |
| Contrast Ratio      | 1000:1                                                                            | 1000:1                                                                            | 1000:1                                                                              | 600:1                                                                               | 1000:1                                                                              |
| Viewing Angle       | H 178°, V 178°                                                                    | H 178°, V 178°                                                                    | H 178°, V 178°                                                                      | H 90°, V 65°                                                                        | H 170°, V 160°                                                                      |
| Response Time       | 14ms                                                                              | 14ms                                                                              | 14ms                                                                                | 5ms                                                                                 | 5ms                                                                                 |
| Display Color       | 8 bits                                                                            | 8 bits                                                                            | 8 bits                                                                              | 8 bits                                                                              | 8 bits                                                                              |
| Input               | 1 VGA, 1 HDMI                                                                     | 1 VGA, 1 HDMI                                                                     | 1 VGA, 1 HDMI                                                                       | 1 VGA                                                                               | 1 VGA, 1 HDMI                                                                       |
| Output              | 1 Audio Out                                                                       | 1 Audio Out                                                                       | 1 Audio Out                                                                         | /                                                                                   | /                                                                                   |
| Control             | Physical Button                                                                   | Physical Button                                                                   | Physical Button                                                                     | Physical Button                                                                     | Physical Button                                                                     |
| Working Temperature | 0°C~+40°C<br>(+32°F~+104°F)                                                       | 0°C~+40°C<br>(+32°F~+104°F)                                                       | 0°C~+40°C<br>(+32°F~+104°F)                                                         | 0°C~+40°C<br>(+32°F~+104°F)                                                         | 0°C~+40°C<br>(+32°F~+104°F)                                                         |
| Working Humidity    | 10%~85%                                                                           | 10%~85%                                                                           | 10%~85%                                                                             | 10%~85%                                                                             | 20%~85%                                                                             |
| Power & Consumption | AC100~240V, 24W                                                                   | AC100~240V, 25W                                                                   | AC100~240V, 30W                                                                     | AC100~240V, 20W                                                                     | AC100~240V, 20W                                                                     |
| Bezel Width         | 3.8mm (U), 3.6mm (R/L), 13mm (B)                                                  | 3.6mm (U), 3.7mm (R/L), 11mm (B)                                                  | 3.6mm (U/R/L), 12.5mm (B)                                                           | 13.16mm(U), 12.61mm(R/L), 21.16mm(B)                                                | 17.2mm(U), 14.7mm(R/L), 19.7mm(B)                                                   |
| VESA                | 75×75mm                                                                           | 75×75mm                                                                           | 75×75mm                                                                             | 100×100mm                                                                           | 100×100mm                                                                           |
| Dimensions          | 490.7×291.1×41.8mm<br>(19.3"×11.5"×1.6")                                          | 541.4×317.0×42.0mm<br>(21.3"×12.5"×1.7")                                          | 615.3×360.5×55.6mm<br>(24.1"×14.2"×2.2")                                            | 446.8×276.0×39.0mm<br>(17.6"×10.9"×1.5")                                            | 507.3×306.4×33.0mm<br>(20"×12.1"×1.3")                                              |
| Weight              | 2.5kg(5.5lb)                                                                      | 3kg(6.6lb)                                                                        | 4.5kg(9.9lb)                                                                        | 2.1kg (4.6lb)                                                                       | 2.6kg (5.7lb)                                                                       |

# Matrix

- Enhanced processing capabilities
- Flexible configuration with slotted design
- Splicing control modes: zoom/merge/roam/overlay
- Supports multiple connection types

## Matrix

|                        | M60-12U                                                                                                    | M70-4U-E                                                                            | DSCON3000-M                                                                         | M70-D-0205HO(-H)                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model                  |                          |  |  |  |
| Screen Quantity        | 180 Screens                                                                                                | 60 Screens                                                                          | 35 Screens                                                                          | 2 Screens                                                                           |
| Splicing Control Modes | Zoom/Merge/Roam/Overlay                                                                                    | Zoom/Merge/Roam/Overlay                                                             | Zoom/Merge/Roam/Overlay                                                             | Zoom/Merge/Roam/Overlay                                                             |
| Card Slots             | 1 Main slot, 1 Control slot and 10 service slots                                                           | 1 Main slot, 1 Control slot and 10 service slots                                    | 1 Main slot and 4 service slots                                                     | —                                                                                   |
| Max Encoding           | 200CH@1080P/200CH@D1                                                                                       | 80CH@1080P/320CH@D1                                                                 | —                                                                                   | —                                                                                   |
| Max Decoding           | 240CH@4K/960CH@1080P/1920CH@720P/3840CH@D1                                                                 | 20CH@8K/80CH@4K/320CH@1080P/720CH@720P/1280CH@D1                                    | 16CH@1080P/64CH@D1 in main control board                                            | 4CH@4K/16CH@1080P/36CH@720P/64CH@D1                                                 |
| Local Video Input      | HDMI/DVI/VGA/HDCVI/3G-SDI/HD-SDI/FC                                                                        | HDMI/DVI/CVBS/HDCVI/HD-SDI(VGA with converter)                                      | HDMI/3G-SDI/CVBS/DVI(VGA with converter)                                            | —                                                                                   |
| Network Video Input    | IPC/DVR/NVR, etc.                                                                                          | IPC/DVR/NVR, etc.                                                                   | IPC/DVR/NVR, etc.                                                                   | IPC/DVR/NVR, etc.                                                                   |
| Video Output           | HDMI/CVBS (VGA&DVI with converter)                                                                         | HDMI(VGA&DVI with converter)                                                        | HDMI/3G-SDI                                                                         | HDMI                                                                                |
| Intercom               | 1/1 3.5mm jack(for intercom), Extra audio input on encoding card                                           | 1/1 3.5mm jack(for intercom)                                                        | —                                                                                   | RCA(2Vrms, 10k ohms)                                                                |
| Processor              | 64 bit quad core processor                                                                                 | 64 bit quad core processor                                                          | 64 bit quad core processor                                                          | 64 bit quad core processor                                                          |
| Bus                    | PCI-E                                                                                                      | PCI-E, Ethernet                                                                     | PCI-E                                                                               | —                                                                                   |
| Case                   | 12U 19"                                                                                                    | 4U 19"                                                                              | 2.5U 19"                                                                            | 1U                                                                                  |
| Ethernet               | 8 RJ-45 ports(10/100/1000M)                                                                                | 6 RJ-45 ports(10/100/1000M), 2 in mainboard and 4 in control board                  | 2 RJ-45 ports(10/100/1000M)                                                         | 2 RJ-45 ports(10/100/1000M)                                                         |
| USB                    | 4 USB2.0                                                                                                   | 3 USB2.0, 1 USB3.0                                                                  | 1 USB2.0, 2 USB3.0                                                                  | 1 USB2.0, 1USB3.0                                                                   |
| Power                  | AC 100V~127V, 200V~240V                                                                                    | AC100~240V                                                                          | AC115V~230V                                                                         | DC12V, 4A                                                                           |
| Control Modes          | WEB/Local GUI/Video Platform/Network Keyboard/iPad                                                         | WEB/Local GUI/Video Platform/Network Keyboard/iPad                                  | WEB/Video Platform/Network Keyboard/iPad                                            | WEB/Local GUI/Video Platform/Network keyboard/iPad                                  |
| Highlights             | 4K & H.265 decoding, Supports LED solution, Supports alarm board and cascade board, Extra audio collection | 4K & H.265 decoding, more powerful decoding capacity in one output, Fisheye dewarp  | 4K local collection, Supports LED solution                                          | 4K decoding, Cost-efficient, Suitable for Small and medium-size project             |

## DSCON3000-M Input Cards

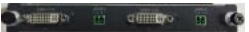
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|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| Model                                                                             | VI0201UH-DC3000                                                                   | VI0801HH-DC3000                                                                   | VI0401HD-DC3000                                                                     | VI0401HS-DC3000                                                                     | VI3201FB-DC3000                                                                     |
| Type                                                                              | HDMI input                                                                        | HDMI input                                                                        | DVI input                                                                           | 3G-SDI input                                                                        | CVBS input                                                                          |
| Video Interface                                                                   | 2CH HDMI                                                                          | 8CH HDMI                                                                          | 4CH DVI-I<br>(HDMI & VGA with converter)                                            | 4CH BNC                                                                             | 32CH BNC<br>(1.0Vp-p, 75Ω, with converter)                                          |
| Split Mode                                                                        | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| Capability                                                                        | 2CH@4K                                                                            | 8CH@1080P                                                                         | 4CH@1080P                                                                           | 4CH@1080P                                                                           | 32CH@960H or D1                                                                     |

## DSCON3000-M Output Cards

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Model                                                                             | VO0801HH-DC3000                                                                   | VO0401HS-DC3000                                                                     |
| Type                                                                              | HDMI output                                                                       | 3G-SDI output                                                                       |
| Video Interface                                                                   | 8CH HDMI                                                                          | 4CH BNC                                                                             |
| Split Mode                                                                        | Max 32 layers                                                                     | Max 32 layers                                                                       |
| Capability                                                                        | 8CH@1080P                                                                         | 4CH@1080P                                                                           |

## M70-4U-E Encoding Cards

## M70-4U-E Decoding Cards

|                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| Model                                                                               | VEC0404HH-M70                                                                       | VEC0404HD-M70                                                                       | VEC0804HC-M70                                                                        | VEC0804HS-M70                                                                         | VEC3204FB-M70                                                                         | VDC0605H-M70                                                                          |
| Type                                                                                | HDMI encoding input                                                                 | DVI encoding input                                                                  | HDCVI encoding input                                                                 | HDSDI encoding input                                                                  | CVBS encoding input                                                                   | HDMI decoding output                                                                  |
| Video Interface                                                                     | 4CH HDMI                                                                            | 4CH DVI-I(HDMI & VGA<br>with convertor)                                             | 8CH BNC(1.0Vp-p, 75Ω)                                                                | 8CH BNC(1.0Vp-p, 75Ω)                                                                 | 32CH BNC(1.0Vp-p, 75Ω,<br>with convertor)                                             | 6CH HDMI                                                                              |
| Split Mode                                                                          | —                                                                                   | —                                                                                   | —                                                                                    | —                                                                                     | —                                                                                     | 1/4/6/8/9/16/25/36                                                                    |
| Capability                                                                          | 4CH@1080P                                                                           | 4CH@1080P                                                                           | 8CH@1080P                                                                            | 8CH@1080P                                                                             | 32CH@D1                                                                               | 2CH@32MP(25fps)/8CH@12MP(15fps)/<br>8CH@4K/32CH@1080P/72CH@720P/128CH@D1              |

## Decoders

- Super decoding performance, maximum 12 megapixel decoding
- Supports 4K & H.265/H.265+ decoding
- Supports fisheye dewarp
- Supports local PC&NVR signal collection
- Splicing control modes: zoom/merge/roam/overlay
- Compatible with video management platform

### 4K Series

|                        | NVD2105DH-4I-4K                                                                     | NVD1805DH-4I-4K                                                                     |
|------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model                  |  |  |
| Screen Quantity        | 21 Screens                                                                          | 18 Screens                                                                          |
| Splicing Control Modes | Zoom/Merge/Roam/Overlay                                                             | Zoom/Merge/Roam/Overlay                                                             |
| Split Mode             | 1/4/9/16                                                                            | 1/4/9/16                                                                            |
| Max Decoding           | 21CH@12MP(25fps)/28CH@4K/112CH@1080P/<br>252CH@720P/336CH@D1                        | 18CH@12MP(25fps)/24CH@4K/96CH@1080P/<br>216CH@720P/288CH@D1                         |
| Local Video Input      | 2CH HDMI, 2CH DVI-I                                                                 | 2CH HDMI, 2CH DVI-I                                                                 |
| Network Video Input    | IPC/DVR/NVR, etc.                                                                   | IPC/DVR/NVR, etc.                                                                   |
| Video Output           | HDMI(DVI with convertor)                                                            | HDMI(DVI with convertor)                                                            |
| Audio Out              | HDMI                                                                                | HDMI                                                                                |
| Alarm In/Out           | 2/1<br>(30VDC 1A, 125VAC 0.5A, Relay output)                                        | 2/1<br>(30VDC 1A, 125VAC 0.5A, Relay output)                                        |
| Intercom               | 1 Pair 3.5mm Jack                                                                   | 1 Pair 3.5mm Jack                                                                   |
| Processor              | Embedded processor                                                                  | Embedded processor                                                                  |
| Case                   | 2.5U 19"                                                                            | 2.5U 19"                                                                            |
| Ethernet               | 2 RJ-45 port(10/100/1000M)                                                          | 2 RJ-45 port(10/100/1000M)                                                          |
| USB                    | 1 USB2.0, 2 USB3.0                                                                  | 1 USB2.0, 2 USB3.0                                                                  |
| Power                  | AC 100V~127V, 200V~240V, 47Hz~63Hz                                                  | AC 100V~127V, 200V~240V, 47Hz~63Hz                                                  |
| Control Modes          | WEB/Video Platform/<br>Network keyboard/iPad                                        | WEB/Video Platform/<br>Network keyboard/iPad                                        |
| Highlights             | 4K & H.265 & H.265+ decoding, Fisheye dewarp,<br>PC signal collection               | 4K & H.265 & H.265+ decoding, Fisheye dewarp,<br>PC signal collection               |

## 4K Series

|                        | NVD1505DH-4I-4K                                                                   | NVD1205DH-4I-4K                                                                   | NVD0905DH-4I-4K                                                                     | NVD0405DH-2I-4K                                                                     | NVD0105DH-4K                                                                                         |
|------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Model                  |  |  |  |  |                   |
| Screen Quantity        | 15 Screens                                                                        | 12 Screens                                                                        | 9 Screens                                                                           | 4 Screens                                                                           | 1 Screen                                                                                             |
| Splicing Control Modes | Zoom/Merge/Roam/Overlay                                                           | Zoom/Merge/Roam/Overlay                                                           | Zoom/Merge/Roam/Overlay                                                             | Zoom/Merge/Roam/Overlay                                                             | Zoom/Roam/Overlay                                                                                    |
| Split Mode             | 1/4/9/16                                                                          | 1/4/9/16                                                                          | 1/4/9/16                                                                            | 1/4/9/16/25/36                                                                      | 1/4/9/16/25/36/64                                                                                    |
| Max Decoding           | 15CH@12MP(25fps)/20CH@4K/80CH@1080P/180CH@720P/240CH@D1                           | 12CH@12MP(25fps)/16CH@4K/64CH@1080P/144CH@720P/192CH@D1                           | 9CH@12MP(25fps)/12CH@4K/48CH@1080P/108CH@720P/144CH@D1                              | 2CH@8K/8CH@4K/36CH@1080P/80CH@720P/144CH@D1                                         | 3CH@12MP(25fps)/4CH@4K/16CH@1080P/36CH@720P/64CH@D1                                                  |
| Local Video Input      | 2CH HDMI, 2CH DVI-I                                                               | 2CH HDMI, 2CH DVI-I                                                               | 2CH HDMI, 2CH DVI-I                                                                 | 2CH HDMI                                                                            | —                                                                                                    |
| Network Video Input    | IPC/DVR/NVR, etc.                                                                 | IPC/DVR/NVR, etc.                                                                 | IPC/DVR/NVR, etc.                                                                   | IPC/DVR/NVR, etc.                                                                   | IPC/DVR/NVR, etc.                                                                                    |
| Video Output           | HDMI(DVI with convertor)                                                          | HDMI(DVI with convertor)                                                          | HDMI(DVI with convertor)                                                            | HDMI/BNC                                                                            | HDMI/VGA                                                                                             |
| Audio Out              | HDMI                                                                              | HDMI                                                                              | HDMI                                                                                | 4HDMI, 2 BNC(Vp-p 1V, 75Ω)                                                          | HDMI                                                                                                 |
| Alarm In/Out           | 2/1<br>(30VDC 1A, 125VAC 0.5A, Relay output)                                      | 2/1<br>(30VDC 1A, 125VAC 0.5A, Relay output)                                      | 4/4<br>(30VDC 1A, 125VAC 0.5A, Relay output)                                        | 8/8<br>(30VDC 1A, 125VAC 0.5A, Relay output)                                        | 4/4<br>(30VDC 1A, 125VAC 0.5A, Relay output)                                                         |
| Intercom               | 1 Pair 3.5mm Jack                                                                 | 1 Pair 3.5mm Jack                                                                 | 1 Pair 3.5mm Jack                                                                   | 1 Pair 3.5mm jack                                                                   | 1 Pair RCA                                                                                           |
| Processor              | Embedded processor                                                                | Embedded processor                                                                | Intel x86 processor                                                                 | Quad-core embedded processor                                                        | Intel x86 processor                                                                                  |
| Case                   | 2.5U 19"                                                                          | 2.5U 19"                                                                          | 1.5U 19"                                                                            | 1U 19"                                                                              | 1U 19"                                                                                               |
| Ethernet               | 2 RJ-45 port<br>(10/100/1000M)                                                    | 2 RJ-45 port<br>(10/100/1000M)                                                    | 2 RJ-45 port<br>(10/100/1000M)                                                      | 1 RJ-45 port<br>(10/100/1000M)                                                      | 1 RJ-45 port<br>(10/100/1000M)                                                                       |
| USB                    | 1 USB2.0, 2 USB3.0                                                                | 1 USB2.0, 2 USB3.0                                                                | 1 USB2.0, 1 USB3.0                                                                  | 2 USB2.0                                                                            | 2 USB2.0                                                                                             |
| Power                  | AC 100V~127V, 200V~240V, 47Hz~63Hz                                                | AC 100V~127V, 200V~240V, 47Hz~63Hz                                                | AC100~240V, 50Hz~60Hz                                                               | DC12V/5A                                                                            | DC12V/3.3A                                                                                           |
| Control Modes          | WEB/Video Platform/<br>Network keyboard/iPad                                      | WEB/Video Platform/<br>Network keyboard/iPad                                      | WEB/Video Platform/<br>Network keyboard/iPad                                        | WEB/Local GUI/Video Platform/<br>Network keyboard/iPad                              | WEB/Local GUI/Video Platform/<br>Network keyboard/iPad                                               |
| Highlights             | 4K & H.265 & H.265+ decoding,<br>Fisheye dewarp, PC signal collection             | 4K & H.265 & H.265+ decoding,<br>Fisheye dewarp, PC signal collection             | 4K & H.265 & H.265+ decoding,<br>Fisheye dewarp, PC signal collection               | 8K & H.265 & H.265+ decoding,<br>Fisheye dewarp, PC signal collection               | 4K & H.265 & H.265+ decoding, Fisheye<br>dewarp, Supports the display of intelligent<br>regular line |

# Keyboard

- Precise playback control
- PTZ camera control modes: iris/zoom/focus, preset/scan/pan/tour/pattern
- Compatible with SmartPSS and DSS

## Keyboard

|                          | NKB5000                                                                                                       | NKB1000                                                                                                        | KBD1000                                                                             | KB1000                                                                              |
|--------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model                    |                            |                             |  |  |
| Control Mode(s)          | Direct mode, Network mode                                                                                     | Direct mode, Network mode, USB mode                                                                            | Direct mode                                                                         | Direct mode                                                                         |
| Control Interface        | 2 RJ-45 port (10/100/1000M), Wi-Fi, RS232, RS485                                                              | 1 RJ-45 port (10/100/1000M), RS232, RS485, RS422, USB                                                          | RS232, RS485, RS422                                                                 | RS485, RS422                                                                        |
| DVR/NVR Protocol         | DH2                                                                                                           | DH2                                                                                                            | DH2                                                                                 | DH2                                                                                 |
| Dome Protocol            | DH-SD1/PELCO-D/PELCO-P, etc.                                                                                  | DH-SD1/PELCO-D/PELCO-P, etc.                                                                                   | DH-SD1/PELCO-D/PELCO-P, etc.                                                        | DH-SD1/PELCO-D/PELCO-P, etc.                                                        |
| Max. Users               | 64 (including "admin")                                                                                        | 64 (including "admin")                                                                                         | 64 (including "admin")                                                              | 64 (including "admin")                                                              |
| Screen                   | 10.1" TFT LCD touch screen(1280×800)                                                                          | Monochrome LCD screen(128×64)                                                                                  | Monochrome LCD screen(128×64)                                                       | Monochrome LCD screen(128×64)                                                       |
| Local Split Display Mode | 1/4/9/16                                                                                                      | —                                                                                                              | —                                                                                   | —                                                                                   |
| Video Output             | 4CH HDMI                                                                                                      | —                                                                                                              | —                                                                                   | —                                                                                   |
| Local Decoding           | 4CH@4K/16CH@1080P                                                                                             | —                                                                                                              | —                                                                                   | —                                                                                   |
| Intercom                 | 1 Pair 3.5mm jack                                                                                             | —                                                                                                              | —                                                                                   | —                                                                                   |
| Joystick                 | 4-axis(zoom, focus, iris)                                                                                     | 3-axis(zoom, focus, iris)                                                                                      | 3-axis(zoom, focus, iris)                                                           | 3-axis(zoom, focus, iris)                                                           |
| Main Processor           | Dual-core Processor                                                                                           | Industrial embedded microprocessor                                                                             | Industrial embedded microprocessor                                                  | Industrial embedded microprocessor                                                  |
| Operating System         | Embedded LINUX                                                                                                | Embedded LINUX                                                                                                 | Embedded LINUX                                                                      | Embedded LINUX                                                                      |
| USB                      | 2 USB3.0, 2 USB2.0                                                                                            | 1 USB2.0                                                                                                       | 1 USB2.0                                                                            | 1 USB2.0                                                                            |
| Power                    | DC12V, 4A                                                                                                     | DC12V/2A                                                                                                       | DC12V/1A                                                                            | DC12V/1A                                                                            |
| Highlights               | All touch screen, 4K&H.265 decoding, Controls NVR, DVR, EVS, Decoder, Matrix, Platform, Local visible control | Multi-user access control Controls DVR, NVR, EVS, Decoder, Matrix Work with SmartPSS or DSSClient via USB port | Multi-user access control                                                           | Multi-user access control                                                           |

# ACCESSORIES

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## Desk Mechanical Mounts

|                      | DHL27/32-DZ                                                                       | DHL42/43/49/55-DZ                                                                  |
|----------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Model                |  |  |
| Support Screen Size  | 27"~32"                                                                           | 43"~55"                                                                            |
| Suitable Monitor     | DHL28-S400, DHL32                                                                 | LM43-S400, LM49-S400, LM55-S400, LM43-F410                                         |
| VESA Standard        | 100x100mm(3.9"x3.9")<br>200X200mm(7.9"x7.9")<br>300X300mm(11.8"x11.8")            | 200X200mm(7.9"x7.9")<br>300X300mm(11.8"x11.8")<br>400X400mm(15.7"x15.7")           |
| Single Screen Weight | Max 40kg(88.2lb)                                                                  | Max 50kg(110.2lb)                                                                  |
| Installation         | Base                                                                              | Base                                                                               |

## Hanging Bracket

|                      | DHL14-32-DJ                                                                                                        | DHL32-75-DJ                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Model                |                                 |               |
| Support Screen Size  | 14"~42"                                                                                                            | 32"~75"                                                                                          |
| Suitable Monitor     | DHL19-F600, DHL22-F600, DHL22-F600-S, DHL24-F600, LM22-F211, LM24-F211, LM27-F211, LM18-L100, LM22-L200, LM24-L200 | DHL32-F600, DHL43-F600, DHL32, LM43-S400, LM49-S400, LM55-S400, LM43-F410, LM50-F410, LM55-F410  |
| VESA Standard        | 75x75mm(3.0"x3.0")<br>100x100mm(3.9"x3.9")<br>200X200mm(7.9"x7.9")                                                 | 100x100mm(3.9"x3.9")<br>200X200mm(7.9"x7.9")<br>300X300mm(11.8"x11.8")<br>400X400mm(15.7"x15.7") |
| Single Screen Weight | Max 50kg(110.2lb)                                                                                                  | Max 68.2kg(150.4lb)                                                                              |
| Installation         | Hoisting                                                                                                           | Hoisting                                                                                         |

## Wall-hanging Mounts

|                      | DHL19/22/27/32-BG                                                                                                              | DHL42/43/49/55-BG                                                                   |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model                |                                               |  |
| Support Screen Size  | 18"~32"                                                                                                                        | 32"~55"                                                                             |
| Suitable Monitor     | DHL19-F600, DHL22-F600, DHL22-F600-S, DHL24-F600, DHL32-F600, LM22-F211, LM24-F211, LM27-F211, LM18-L100, LM22-L200, LM24-L200 | DHL43-F600, DHL32, LM50-F410, LM55-F410                                             |
| VESA Standard        | 75x75mm(3.0"x3.0")<br>100x100mm(3.9"x3.9")                                                                                     | 200X200mm(7.9"x7.9")<br>300X300mm(11.8"x11.8")<br>400X400mm(15.7"x15.7")            |
| Single Screen Weight | Max 25kg(55.1lb)                                                                                                               | Max 75kg(165.3lb)                                                                   |
| Installation         | Wall hanging                                                                                                                   | Wall hanging                                                                        |

## Auto USB KVM Switches

|                      | DH-KVM0401HM-E100                                                                   | DH-KVM0801VM-E100                                                                     | DH-KVM0801HM-E100                                                                     |
|----------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Model                |  |  |  |
| Computer Connections | 4                                                                                   | 8                                                                                     | 8                                                                                     |
| Resolution           | 1920 x1440 , 1080P                                                                  | 1920 x1440 , 1080P                                                                    | 1920 x1440 , 1080P                                                                    |
| Video Port           | HDMI                                                                                | VGA                                                                                   | HDMI                                                                                  |
| Power Supply         | DC12V, 0.5A                                                                         | DC12V, 0.5A                                                                           | DC12V, 0.5A                                                                           |

## DSS

Stable server with hardware & software all-in-one

All-around security functionality



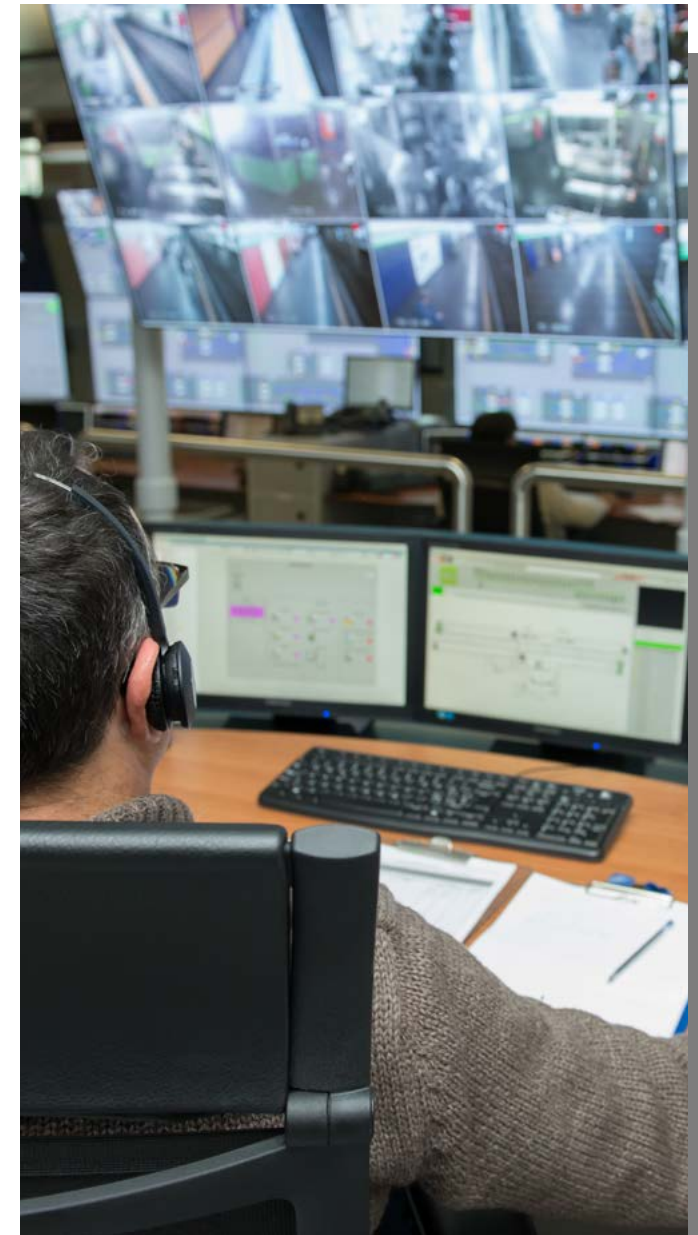
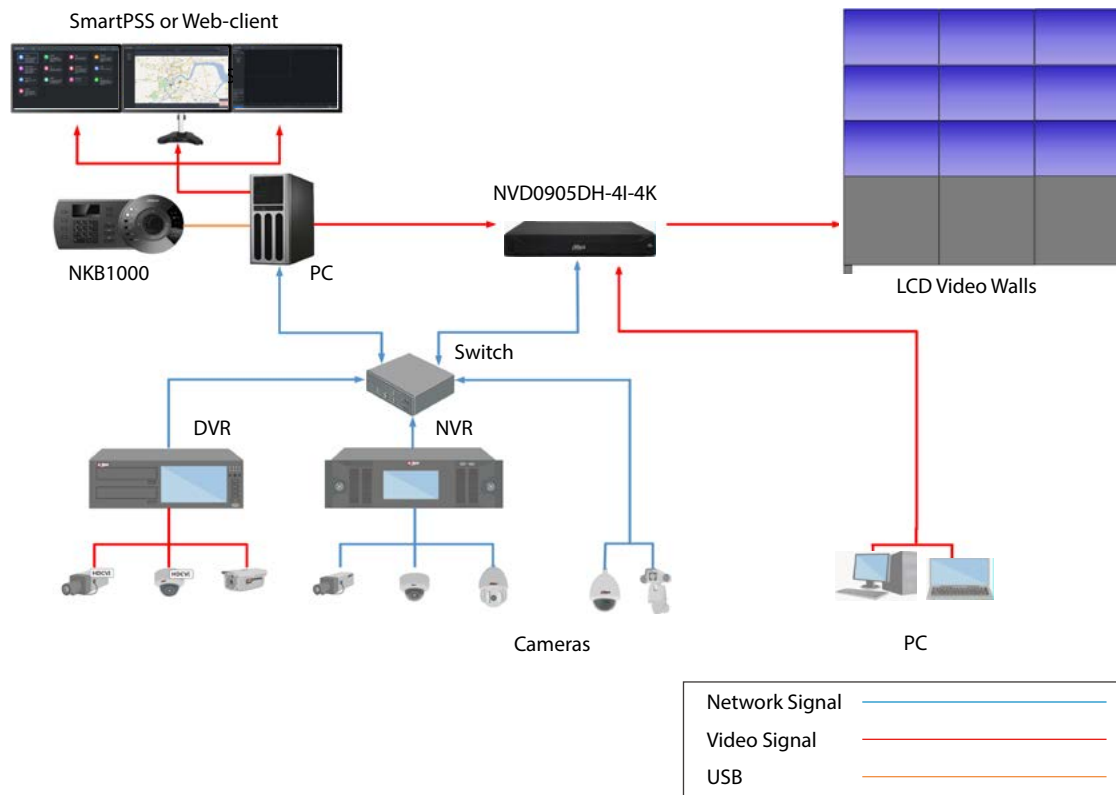
| Model                                  |                      | DSS Pro                                                                                                                                                                                                                                                       | DSS Express                      | DSS7016-S2                              | DSS4004-S2                       | DSS4004-S2-W                     |
|----------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------|----------------------------------|----------------------------------|
| Device Access                          | Supported Device     | DVR, NVR,XVR, IPC, VDP, Alarm Host, EVS, ACR, Matrix,IVSS                                                                                                                                                                                                     |                                  |                                         |                                  |                                  |
|                                        | Add Device Method    | IP/Domain, Auto Register                                                                                                                                                                                                                                      | IP,P2P                           | IP/Domain, Auto Register                | IP                               | IP,P2P                           |
|                                        | Devices No(Dahua)    | 1000 IP, 2000 CH                                                                                                                                                                                                                                              | 512 IP, 512 CH                   | 500 IP, 2000 CH                         | 512 IP, 512 CH                   | 64 IP, 64 CH                     |
|                                        | IP No(Onvif)         | 200 IP, 800 CH                                                                                                                                                                                                                                                | 64 IP, 64 CH                     | 200 IP, 200 CH                          | 64 IP, 64 CH                     | 8 IP, 8 CH                       |
|                                        | Auto-Register        | 500 IP, 2000 CH                                                                                                                                                                                                                                               | /                                | 500 IP, 2000 CH                         | /                                | /                                |
| Users                                  | Users                | 200 online, 2500 users                                                                                                                                                                                                                                        | 100 online, unlimited users      | 200 online, 2500 users                  | 100 online, unlimited users      | 10 online, unlimited users       |
| Live Preview                           | Video Display Split  | 1/4/6/8/9/16/25/36/64                                                                                                                                                                                                                                         |                                  |                                         |                                  |                                  |
|                                        | Max. Preview Screens | 4                                                                                                                                                                                                                                                             |                                  |                                         |                                  |                                  |
|                                        | Max. Views           | 256                                                                                                                                                                                                                                                           |                                  |                                         |                                  |                                  |
|                                        | Features             | Customized split view,Tour,Snapshot,Snapshot Continuously,Remote record ,Local Record,Audio Talk,Audio In Video,ROI(1+3Mode,1+5Mode),PTZ Control, Electronic Focus,Instant Playback,Live View in Multiple Tabs,Smart track for fisheye,Smart track for bullet |                                  |                                         |                                  |                                  |
| Playback                               | Max. Channels        | 36                                                                                                                                                                                                                                                            |                                  |                                         |                                  |                                  |
|                                        | Features             | Fast /Slow Playback,Snapshot,Continuous Snapshot,Local Record,Record Tag,Record Lock,Playback to the Video Wall,Drag in the timeline, Zoom of Timeline,Smart Search,POS Search                                                                                |                                  |                                         |                                  |                                  |
| TV Wall                                | Video Display Split  | 1/4/9/16/25/32/64                                                                                                                                                                                                                                             |                                  |                                         |                                  |                                  |
|                                        | Features             | Merge,Split Windows,Echo,Framed,Output to Video Wall Manually/Automatically,Switch the Stream,Windows Lock,Task Tour,Time Tour, Tour in Single Windows                                                                                                        |                                  |                                         |                                  |                                  |
| Other Functions                        | Storage              | Local storage, Connect IPSAN Storage                                                                                                                                                                                                                          |                                  |                                         |                                  |                                  |
|                                        | E-map                | Raster map, GIS map                                                                                                                                                                                                                                           | Raster map                       | Raster map, GIS map                     | Raster map                       | Raster map                       |
|                                        | Deployment           | Stand-alone, Distributed, Cascade                                                                                                                                                                                                                             | Stand-alone                      | Stand-alone, Distributed                | Stand-alone                      | Stand-alone                      |
| Minimum System Requirements for Server | CPU                  | E3-1220 v5@3.00GHz 3.00GHz 4core                                                                                                                                                                                                                              | I3-2120                          | /                                       | /                                | /                                |
|                                        | Memory               | 8GB or above                                                                                                                                                                                                                                                  | 8GB or above                     | /                                       | /                                | /                                |
|                                        | System Disk          | 1TB, 500G free for DSS                                                                                                                                                                                                                                        | 200GB and higher                 | /                                       | /                                | /                                |
|                                        | Ethernet port        | 2 Ports@1000Mbps                                                                                                                                                                                                                                              | 2 Ports@1000Mbps                 | /                                       | /                                | /                                |
| Minimum System Requirements for Client | CPU                  | Intel Core i3, 64 bits 4 Core Processor                                                                                                                                                                                                                       | I3-2120@3.20GHz                  | Intel Core i3, 64 bits 4 Core Processor | I3-2120@3.20GHz                  | I3-2120@3.20GHz                  |
|                                        | Memory               | 4GB or above                                                                                                                                                                                                                                                  | 4GB or above                     | 4GB or above                            | 4GB or above                     | 4GB or above                     |
|                                        | Graphics Card        | Intel® HD Graphics 4400                                                                                                                                                                                                                                       | Intel® HD Sandbridge Desktop Gra | Intel® HD Graphics 4400                 | Intel® HD Sandbridge Desktop Gra | Intel® HD Sandbridge Desktop Gra |
|                                        | Hard Drive Capacity  | 100G free for DSS Control Client                                                                                                                                                                                                                              | 50GB Free and higher             | 100G free for DSS Control Client        | 50GB Free and higher             | 50GB Free and higher             |
|                                        | Ethernet port        | 1000Mbps                                                                                                                                                                                                                                                      | 1000Mbps                         | 1000Mbps                                | 1000Mbps                         | 1000Mbps                         |

# GENERAL SOLUTIONS

## Small Control Center Solutions (Typical)

### Features

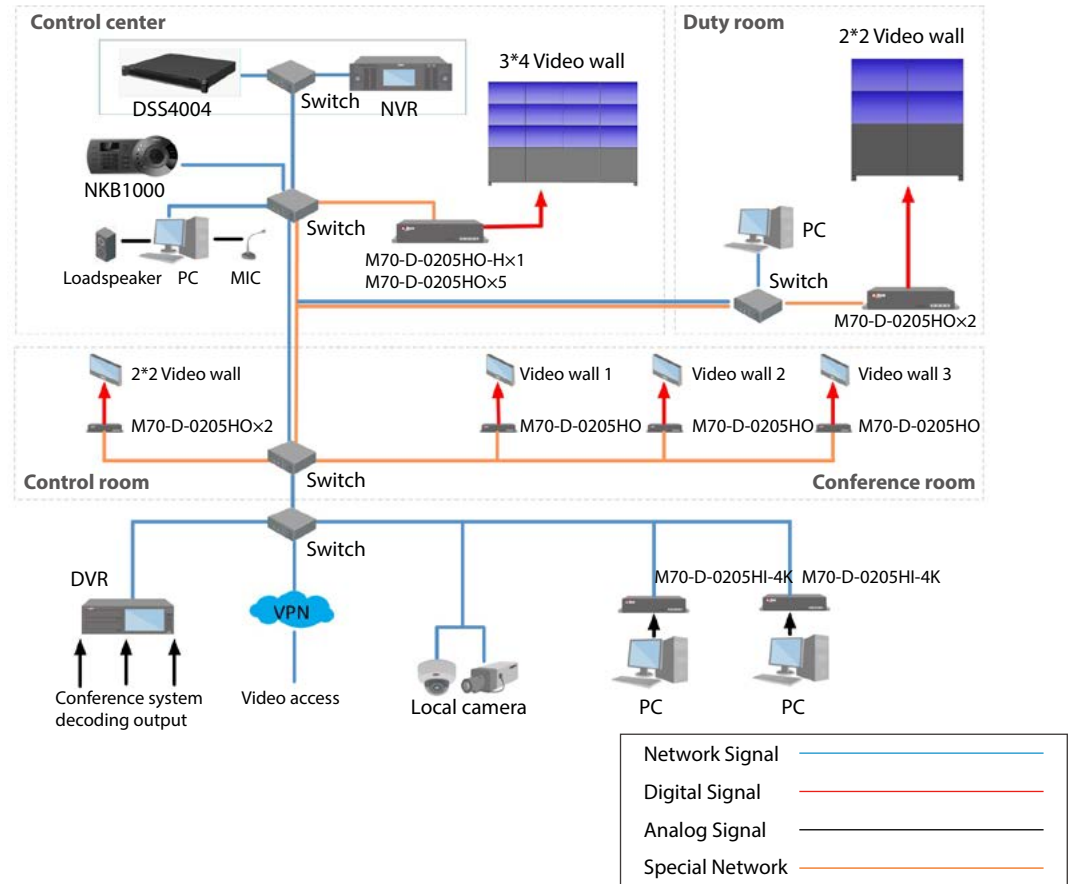
- NVD0905DH-4I-4K supports splicing control for video walls
- NVD0905DH-4I-4K supports local signal collecting and encoding
- Free VMS software SmartPSS works with NKB1000 in USB control mode
- NKB1000 uses "Num" button+ "function" button to control different screens, split mode, window and channel
- DHL550UCM-ES: 55" supports 3.5mm physical seam and module installation. Displays camera channel and local images such as PC view on screens
- Other matrix devices or decoders can be used in place of the NVD0905DH-4I-4K according to requirements



## Small Control Center Solutions (Distributed)

### Features

- Distributed deployment, centralized management. This solution can support up to 30 screens
- M70-D-0205HO(-H) supports splicing control for video walls
- M70-D-0205HI-4K supports local signal collecting and encoding
- DSS4004 client works with NKB1000 via network cable
- NKB1000 uses "Num" button+ "function" button to control different screens, split mode, window and channel
- DHL550UCM-ES: 55" supports 3.5mm physical seam and module installation. Displays camera channel and local images such as PC view on screens
- DHL24-F600: 23.8" monitor has a narrow border and FHD display

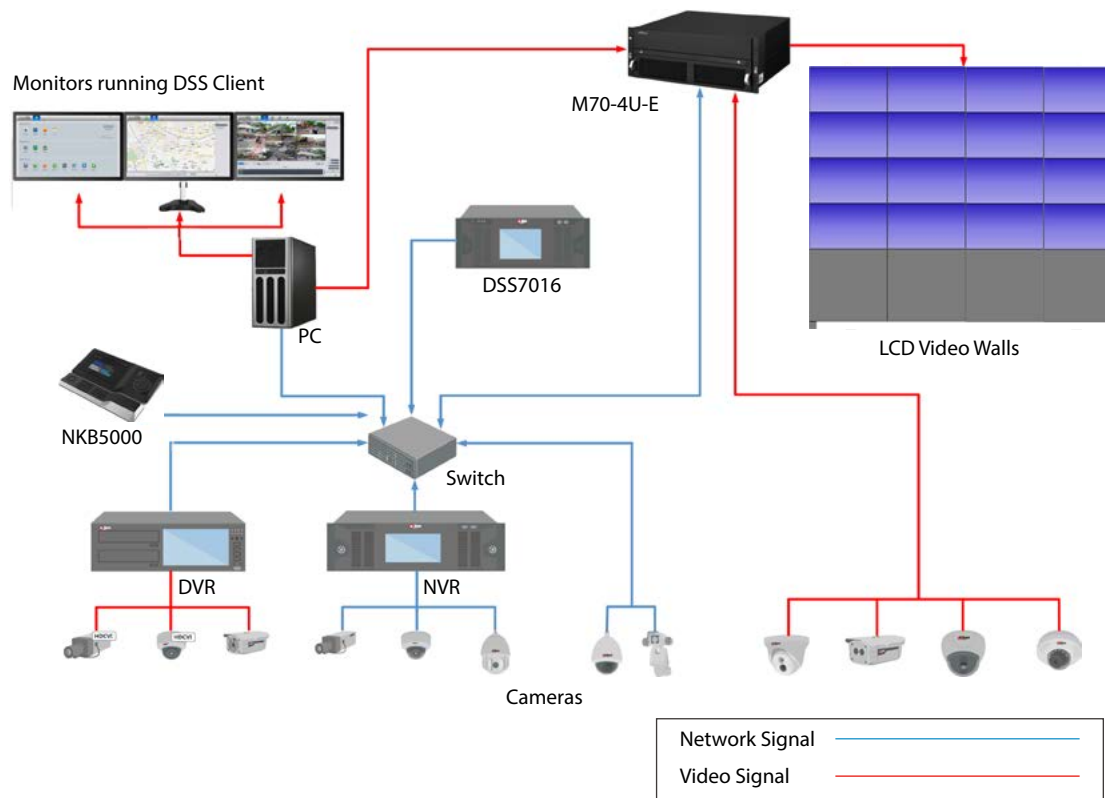


# GENERAL SOLUTIONS

## Large-scale Control Center Solutions

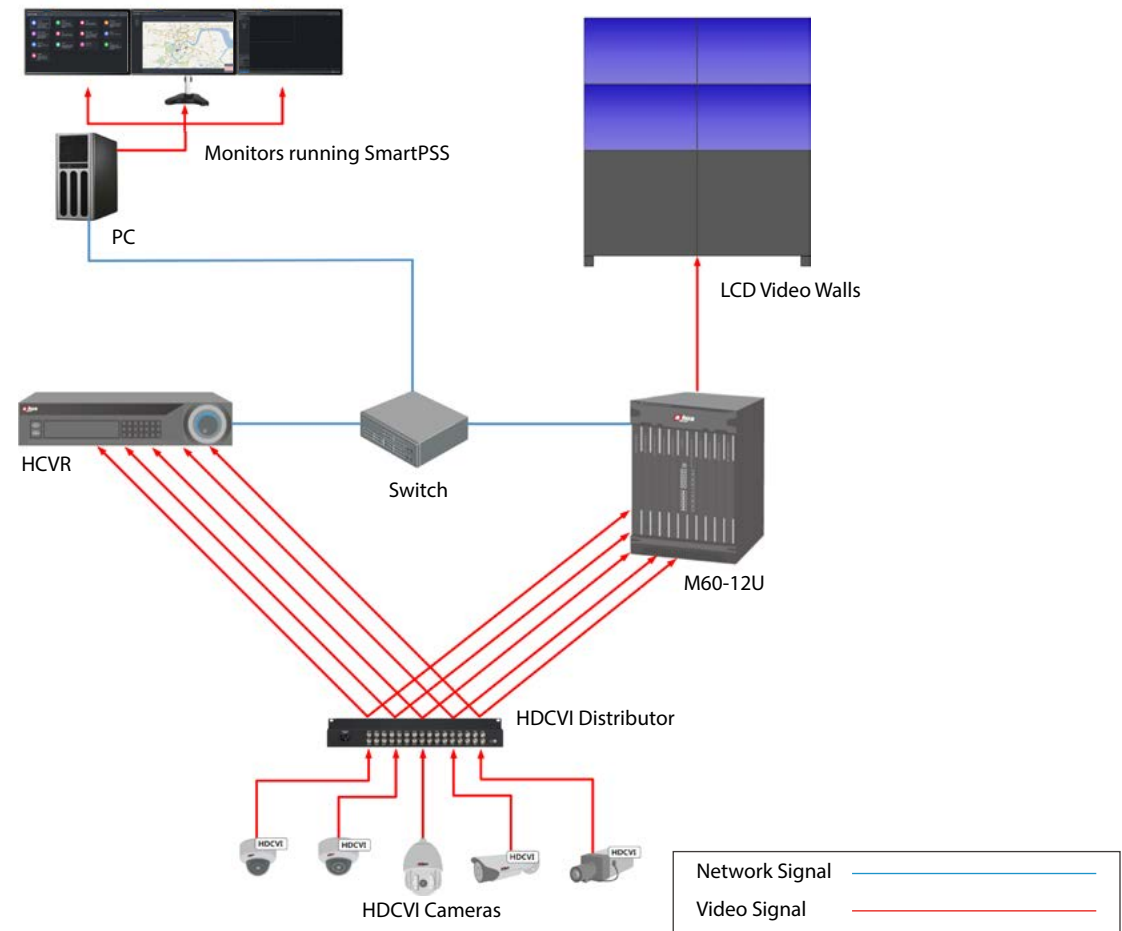
### Features

- M70-4U-E supports splicing control for video walls
- M70-4U-E supports local signal input and encoding
- DSS client works with NKB5000 via network cable
- DSS supports large and complex video surveillance systems
- NKB5000 uses touch screen to control different screens, split mode, window, and channel. It is easy to use and provides visible control
- DHL550UDM-ES: 55" supports 1.7mm physical seam and module installations. Displays camera channel and local images such as PC view on screens
- Other matrix devices or decoders can be used in place of the M70-4U-E according to requirements



### Features

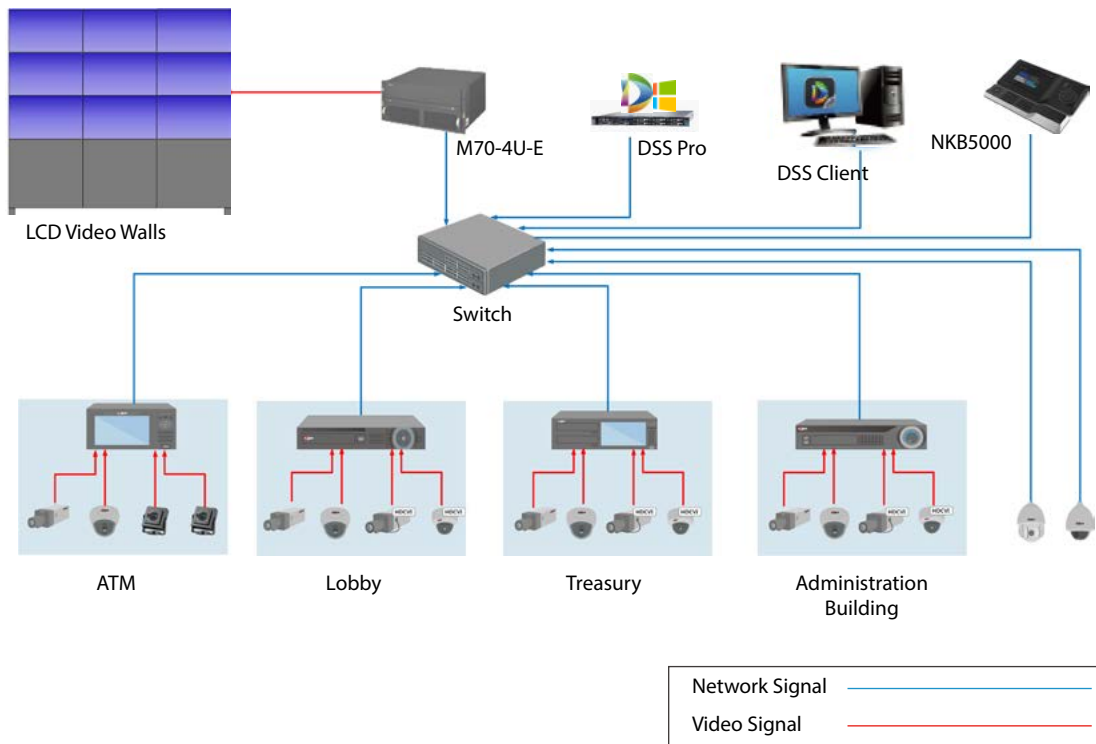
- M60 supports lossless, low delay screen display
- M60 supports local signal display directly on screens through input without encoding
- Free VMS software SmartPSS provides preview, playback and e-map functionality
- DHL550UDH-ES: 55" provides 1.7mm physical seam and module installations. Displays camera channel and local images such as PC view on screens
- PFT2690 supports lossless and real-time one input, dual output (1:2split)



## Bank Solutions

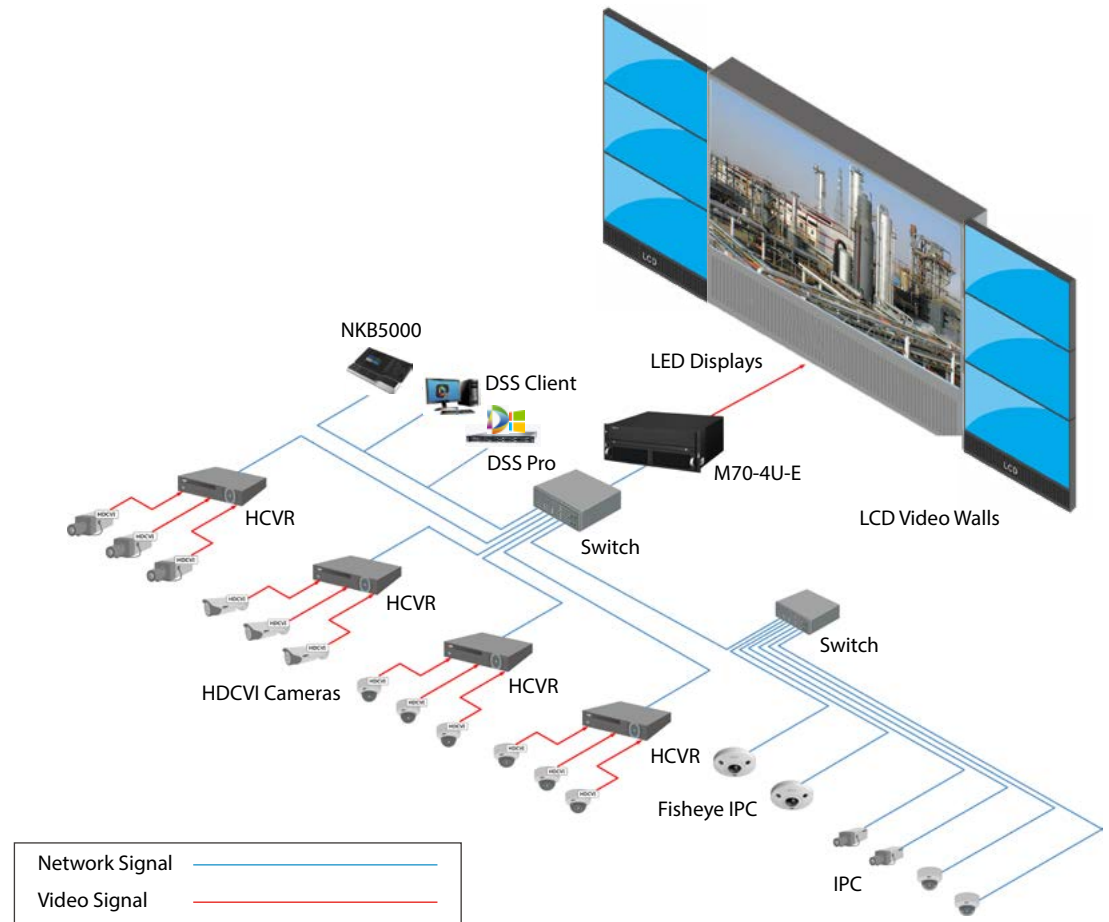
### Features

- M70-4U-E supports splicing control for video walls
- NKB5000 controls splicing screens in platform mode
- NKB5000 uses touch screen to control different screens, split mode, window, and channel. It is easy to use and provides visible control
- DHL550UDH-ES supports 1.7mm physical seam and module installations. Displays camera channel and local images such as PC view on screens
- DSS Pro integrates all devices and controls TV wall display
- Other matrix devices or decoders can be used in place of the M70-4U-E according to requirements



### Features

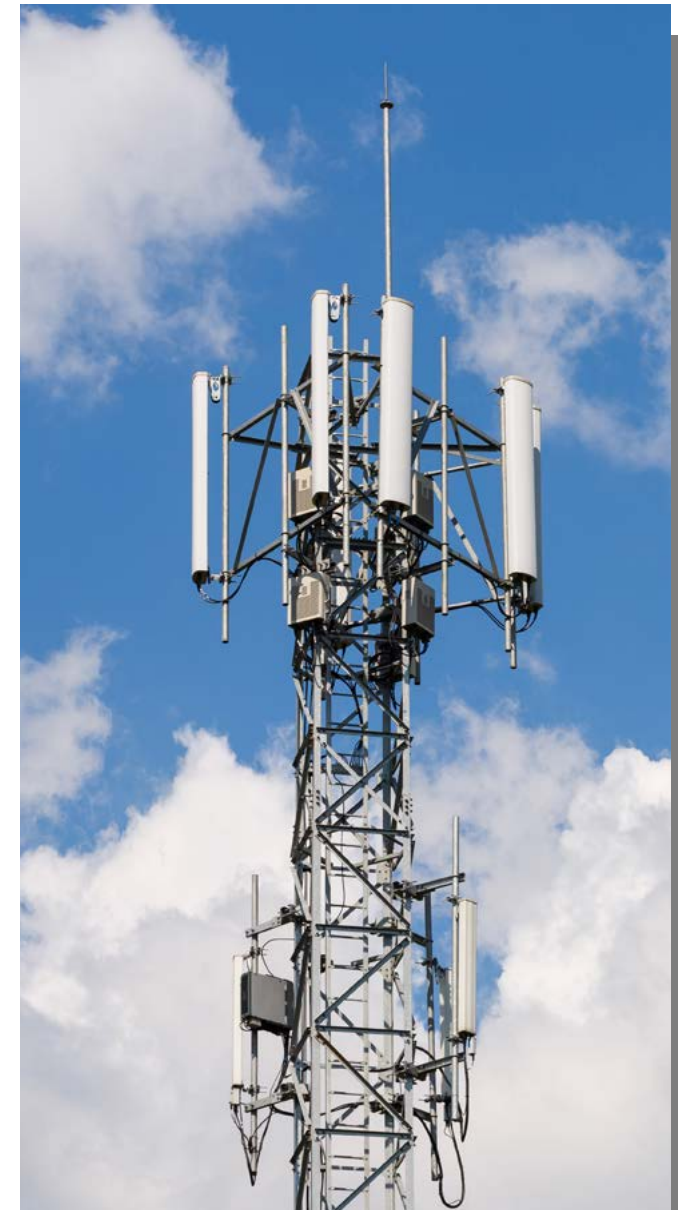
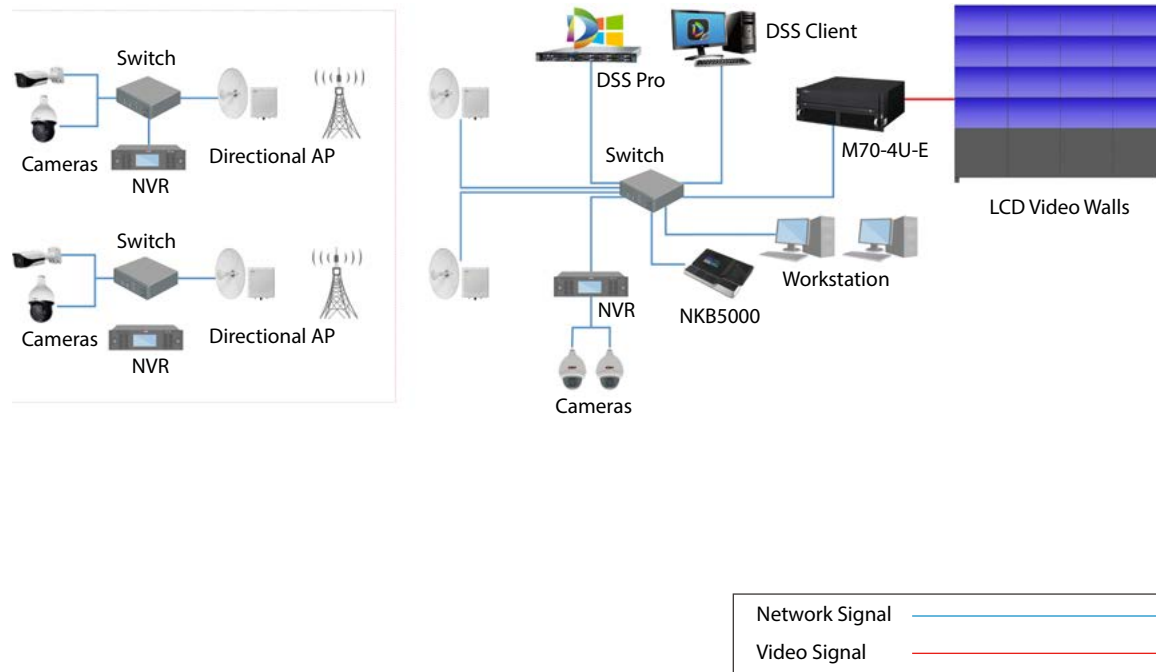
- M70-4U-E supports splicing control for both LCD and LED video walls
- NKB5000 controls splicing screens
- NKB5000 uses touch screen to control different screens, split mode, window, and channel. It is easy to use and provides visible control
- DHL550UDH-ES: 55" supports 1.7mm physical seam and module installations. Displays camera channel and local images such as PC view on screens
- PHSA1.6 offers seamless image display for large surveillance centers without loss of important details
- DSS Pro integrates all devices and controls TV Wall display
- Other matrix devices or decoders can be used in place of the M70-4U-E according to requirements



## Telecom Solutions

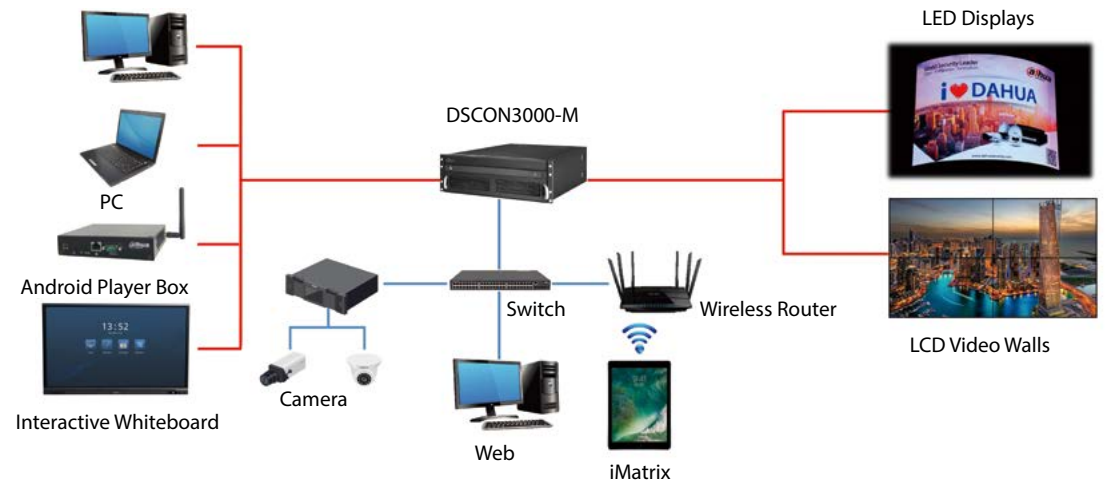
### Features

- M70-4U-E supports splicing control for video walls
- NKB5000 controls splicing screens in platform mode
- NKB5000 uses touch screen to control different screens, split mode, window and channel. It is easy to use and provides visible control
- DHL550UDM-ES supports 1.7mm physical seam and module installation. Displays camera channel and local images such as PC view on screens
- PFM886-20 is used to achieve 20km long distance and high bandwidth for point-to-point wireless connection that the bandwidth of Wi-Fi is able to satisfy the need of HD video transmission and the cost is about 4 to 20 times cheaper than wired solution
- DSS Pro integrates all devices and controls TV Wall display
- Other matrix devices or decoders can be used in place of the M70-4U-E according to requirements



### Features

- DSCON3000-M supports creative splicing with low latency below 50ms and excellent performance of synchronization
- The android player box supports the release of video, picture, text, audio, time, weather and other multimedia information that it is made for applications of advertising industry
- Hiboard-A65H supports loop out function that enables content play on a large screen, offering a clear and vivid image regardless of the viewing position
- DHL550UDM-ES supports 1.7mm physical seam and module installation
- PHSA1.6 offers seamless image display for large surveillance centers without loss of important details
- Other matrix devices or decoders can be used in place of the DSCON3000-M according to requirements



Network Signal ————  
Video Signal ————

# ENABLING A SAFER SOCIETY AND SMARTER LIVING

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\* Design and specifications are subject to change without notice.

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