

**HIKVISION®**

# PROJECT-ORIENTED PREMIUM PRODUCTS

**QUICK GUIDE 2024**

# ABOUT HIKVISION

Hikvision is committed to serving various industries through its cutting-edge technologies of machine perception, artificial intelligence, and big data, leading the future of AIoT.

## R&D Investment



**12.75%**  
annual revenue  
invested in R&D



Almost **1/2**  
R&D engineers among  
**58,000+**  
employees worldwide



**10,000+**  
Patents



## Abundant Product & Solution Offerings

We develop more than **30,000** hardware products and more than **200** software products with leading technologies, such as:



Video & Imaging Technology



Multidimensional Perception



Artificial Intelligence

# SECURING A SMARTER FUTURE

At the forefront of security innovation, Hikvision aims to lay the foundation for a future that is not only safer, but also more intelligent for every user.



### Advancing with integrated technologies

Hikvision is expanding from mere vision to multidimensional perception and empowers its full range of products with AI analytics for enhanced security and efficiency.

By seamlessly integrating cutting-edge technologies such as audio & video linkage and multi-lens synergy, Hikvision sets a new standard in security intelligence.



### Innovating through converged applications

Hikvision transforms from standalone products to integrated systems, providing one-stop solutions managed through its Hik-Partner Pro, Hik-Connect, and HikCentral Professional platforms.

These solutions enable and converge intelligent applications to streamline secure and smart operations across industries.

# HIKVISION AIOT TECHNOLOGIES

## Intelligent Perception Powered by AI

Perceive the physical world in full spectrum, expanding awareness from various dimensions in various scenarios.

### Mechanical Waves Sound Waves

Infrasound Acoustic

### Electromagnetic Waves

#### Radio Waves

#### Microwaves

Centimeter Waves  
Millimeter Waves  
Terahertz Waves

#### Infrared Light

Long-Wavelength Infrared  
Mid-Wavelength Infrared  
Short-Wavelength Infrared

#### Visible Light

10 km

1m

1mm

25  $\mu$ m

2.5  $\mu$ m

780 nm

Acoustic Imager



Millimeter Wave Body Scanner



Thermal Cameras



TandemVu Bullet Network Cameras



TandemVu Positioning System



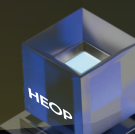
Panoramic Cameras with ColorVu



DeepinView-Series Network Cameras



AI  
Hikvision Embedded Open Platform



32-Mic Anti-Reverberation Array



32-Mic Sound Source Positioning Array



Security Radar



Entrance & Exit Radar



Healthcare Radar Sensors



Fiber-Optic Vibration Sensing Server



Portable PTZ Cameras



AR Panoramic & PTZ Cameras



Network PTZ Cameras with DarkFighterX



TandemVu PTZ Cameras with ColorVu



Body Worn Cameras



### Multidimensional Perception Equipment

Optical channel identifies targets



Thermal channel detects heat

Thermal & Optical Bi-Spectrum Speed Dome

Target identification Protection with anti-fall radar



All-in-One Entrance & Exit Manager



Multidirectional PanoVu Cameras



Self-Cleaning Cameras



Dual-Lens People Counting Cameras



MinMoe Face Recognition



Video Intercom



Hikvision AI Open Platform

AI +



Varied Environments



Explosion-Proof Series Cameras



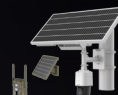
Ultra-Low Temperature Cameras



Underwater Network Cameras



Polymer Anti-Corrosion Cameras



Solar-Powered Security Cameras

## Visible Light

## Ultraviolet Light

## X-Ray

## Gamma Ray

Long-Wavelength Ultraviolet   Mid-Wavelength Ultraviolet   Short-Wavelength Ultraviolet   Extreme Ultraviolet

390 nm

10 nm

0.01 nm



Network PTZ Cameras with IR



Network PTZ Cameras with IR



Mobile Cameras for Automatic Number Plate Recognition



Mobile Cameras with Driver Status Monitoring



Gantry Crane Fixed-Lens Camera

Enhances safety in challenging operational environments



X-Ray Industrial Inspection Equipment



X-Ray Food Inspection Equipment



X-Ray Security Inspection System

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# CAMERAS WITH **DARKFIGHTER 2.0**

Sharper motion in any light



DeepinView-Series Cameras  
Ultra-Series Cameras  
DF-Line PTZ Cameras

Note: Only specific models of these camera series support DarkFighter 2.0.



Low-Light Imaging



AI-ISP Noise Reduction



Multi-Speed Capture



Ultra-High Frame Rate

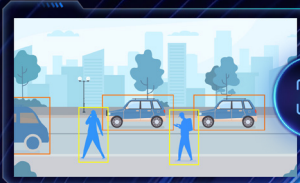


Auto Wide Dynamic Range



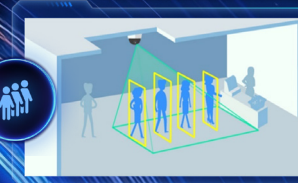
## Multi-Object-Type Detection

Identifies object features and performs cross-line counting by object type



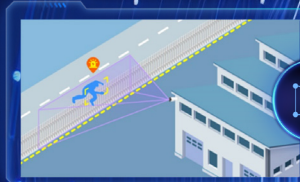
## Queue Management

Automates the detection of people number and wait times in a queue



## Perimeter Protection

Focuses on movements of persons and vehicles only, with greatly reduced false alarms



## People Counting

Tracks the number of visitors excluding repetitive entries and displays the store visitor to total customer ratio



## More AI Functions

Helps users customize AI algorithms for their unique needs such as hard-hat detection & other PPE detection



# DEEPINVIEW SERIES CAMERAS



## Switchable AI functions, versatile performance

With multiple deep learning algorithms in one camera, up to **two algorithms can be enabled or scheduled at a time** for dedicated use and later switched to another pair as needed.

TPM 2.0



Select models are protected by  
TPM 2.0 and/or certified by CC

## Facial Recognition

Allows for wide-angle capturing and feature identification. Authorized facial recognition helps ensure personal and/or asset safety



## ANPR\*

Identifies license plate numbers with  $\geq 98\%$  recognition accuracy



## Parking Space Management\*

Offers two alternative modes for close-up or distant view for detecting parking spaces



\*Only certain models of DeepinView cameras support the ANPR or Parking Space Management function.

# NETWORK CAMERAS – DeepinView Series

## 7-Line Multi-Intelligence (Varifocal Lens)



### iDS-2CD7A7G2-XZHS(Y)

- 4/8 MP@60 fps, 2.8-12 mm motor lens
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- DF 2.0 SharpMotion, ShotN, AWDR
- HEOP, AIOP, 8-in-1 intelligence, simultaneous dual AI
- G-Sensor, TPM 2.0, Power Meter
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



### iDS-2CD7A6G2-IZHS(Y)(1T)/(5G)

- 4/8 MP@60 fps, or 12 MP@30 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, P-Iris
- DF 2.0 SharpMotion, ShotN, AWDR
- HEOP, AIOP, 8-in-1 intelligence, simultaneous dual AI
- G-Sensor, TPM 2.0, Power Meter
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models
- (1T): built-in 1 TB SSD (4 MP models only); /5G: Support 5G connection



### iDS-2CD75x6G2-XZHS(Y)

- 4/8 MP@60 fps, or 12 MP@30 fps, 2.8-12 mm/8-32 mm motor lens, PTRZ
- 1/1.8" sensor, P-Iris, smart hybrid light
- DF 2.0 SharpMotion, ShotN, AWDR
- HEOP, AIOP, 8-in-1 intelligence, simultaneous dual AI
- G-Sensor, TPM 2.0, Power Meter
- 1/1 Audio I/O, 1/1 Alarm I/O, Built-in 2 Mics & 1 Speaker, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



### iDS-2CD71x6G2-IZ(H)S(Y)(1T)

- 4/8 MP@60 fps, or 12 MP@30 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, P-Iris
- DF 2.0 SharpMotion, ShotN, AWDR
- HEOP, AIOP, 8-in-1 intelligence, simultaneous dual AI
- G-Sensor, TPM 2.0, Power Meter
- 1/1 Audio I/O, 2/2 Alarm I/O, Built-in 2 Mics & 1 Speaker, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models
- (1T): built-in 1 TB SSD (4 MP models only)



### iDS-2CD7A46G2-IZHS(Y)(6-132mm)

- 4 MP@60 fps, 6-132 mm motor lens, 22x optical zoom
- 1/1.8" sensor, P-Iris
- DF 2.0 SharpMotion, ShotN, AWDR
- 8-in-1 intelligence, support AIOP, HEOP
- G-Sensor, TPM 2.0, Power Meter, built-in gyroscope image stabilization
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, PVC FREE, NEMA 4X for -Y models



### iDS-2CD7A660-IZHS(Y)

- 2/4 MP@60 fps, or 8 MP@30 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, P-Iris
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0
- 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1/1 Audio I/O, 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



### iDS-2CD75x7G0-XZHS(Y)

- 4 MP@60 fps, or 8 MP@30 fps, 2.8-12 mm motor lens, PTRZ
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, Built-in 2 Mics & 1 Speaker, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



### iDS-2CD71x6G0-IZ(H)S(Y)

- 4 MP@60 fps, or 8 MP@30 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, P-Iris
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, Built-in 2 Mics & 1 Speaker, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



### iDS-2CD7046G2/E-IHSY(R)

- 4/8 MP@60 fps, or 12 MP@30 fps, 3.8-16 mm/11-40 mm motor lens
- 1/1.8" sensor, P-Iris
- DF 2.0 SharpMotion, ShotN, AWDR
- HEOP, AIOP, 8-in-1 intelligence, simultaneous dual AI
- G-Sensor, TPM 2.0, Power Meter
- 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out, without -R: 1/1 Audio I/O
- IP66, IK10, NEMA 4X, PVC FREE, EN50121-4 for -R models



### iDS-2CD7046G0/E-IHSY(R)/(F11)

- 4 MP@60 fps, 3.8-16 mm/11-40 mm motor lens
- 1/1.8" sensor, P-Iris
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0
- 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out, without -R: 1/1 Audio I/O; with /F11: 1 LC fiber optical interface
- IP66, IK10, PVC FREE, EN50121-4 for -R models, NEMA 4X for -Y models



### iDS-2CD7A7G0-XZHS(Y)

- 4 MP@60 fps, or 8 MP@30 fps, 2.8-12 mm motor lens
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



### iDS-2CD7A45G0-IZ(H)S(Y)(4.7-118mm)

- 4 MP@60 fps, 4.7-118 mm motor lens, 25x optical zoom
- 1/2.5" sensor, P-Iris
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0, built-in gyroscope image stabilization
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, PVC FREE, NEMA 4X for -Y models

## 7-Line Perimeter Protection with Large Model



### iDS-2CD7A6G2/V-IZHS(Y)

- 4/8 MP@60 fps, 1/1.8" sensor, 2.8-12 mm motor lens
- Perimeter protection with large model algorithm
- Reduce false alarms by 80% based on AcuSense
- Support perimeter combined event
- Advanced Perimeter Configurations
- TPM 2.0, Power Meter
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models

# NETWORK CAMERAS – DeepInView Series

## 7-Line Multi-Intelligence (Fixed Lens)



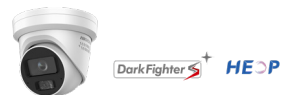
### IDS-2CD7Tx760-XHS(Y)

- 4/8 MP@60 fps, 2.8/4 mm fixed lens
- 1/1.8" sensor, F1.0, smart hybrid light
- 140 dB WDR
- 5-in-1 intelligence, support HEOP
- G-Sensor
- 1/1 Audio I/O, 3/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, NEMA 4X for -Y models



### IDS-2CD7Dx760-XS

- 4/8 MP@60 fps, 2.8/4 mm fixed lens
- 1/1.8" sensor, F1.0, smart hybrid light
- 140 dB WDR
- 5-in-1 intelligence, support HEOP
- G-Sensor
- 1/1 Audio I/O, 1/1 Alarm I/O, 1 RS-485, 12V DC Power Out
- IP67, IK10



### IDS-2CD73x760-XS

- 4/8 MP@60 fps, 2.8/4 mm fixed lens
- 1/1.8" sensor, F1.0, smart hybrid light
- 140 dB WDR
- 5-in-1 intelligence, support HEOP
- G-Sensor
- 1/1 Audio I/O, 1/1 Alarm I/O, 1 RS-485, 12V DC Power Out
- IP67

## 7-Line ANPR

### IDS-2CD7A4760/P-XZHS(Y)

- 4 MP@60 fps, 2.8-12 mm motor lens
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- 140 dB WDR
- ANPR/Parking Management/Perimeter Protection
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



### IDS-2CD7Ax660/P-IZHS(Y)

- 2/4 MP@60 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, P-Iris
- 140 dB WDR
- G-Sensor, TPM 2.0
- 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1/1 Audio I/O, 1 RS-485, 12V DC Power Out, 1 Wiegand
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



### IDS-2CD704660/EP-IHSY(R)

- 2/4 MP@60 fps, 3.8-16 mm/11-40 mm motor lens
- 1/1.8" sensor, P-Iris
- 140 dB WDR
- ANPR/Parking Management/Perimeter Protection
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP66, IK10, PVC FREE, NEMA 4X for -Y models

### IDS-2CD754760/P-XZHS(Y)

- 4 MP@60 fps, 2.8-12 mm motor lens, PTRZ
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- 140 dB WDR
- ANPR/Parking Management/Perimeter Protection
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 1/1 Alarm I/O, 1 CVBS Video Out, 1 RS-485, 12V DC Power Out, Built-in 2 Mics & 1 Speaker, 1 Wiegand
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



### IDS-2CD7A4560/P-IZHS(Y)(4.7-118mm)

- 4 MP@60 fps, 4.7-118 mm motor lens, 25x optical zoom
- 1/2.5" sensor, P-Iris
- 140 dB WDR
- ANPR/Parking Management/Perimeter Protection
- G-Sensor, TPM 2.0, built-in gyroscope image stabilization
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, PVC FREE, NEMA 4X for -Y models

## 8-Line Special Models



### IDS-2CD8A4862-XZHS(Y)

- 2-ch 4 MP@30 fps
- 15-45 mm DarkFighterX motor lens + 4 mm F1.0 fixed lens
- Dual 1/1.8" sensors, smart hybrid light
- P-Iris, 140 dB WDR
- DF 2.0 SharpMotion, ShotN
- 6-in-1 intelligence on CH-1; Perimeter Protection on CH-2
- TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, 1 RS-485, 12V DC Power Out
- IP67, IK10, PVC FREE, NEMA 4X for -Y models



### IDS-2CD8Ax662-XZHS(Y)

- 4 MP@60 fps + 4 MP@30 fps/8 MP@24 fps + 4 MP@30 fps
- 8A46: 8-32 mm DarkFighter motor lens + 4 mm F1.0 fixed lens;
- 8A86: 10-50 mm DarkFighter motor lens + 4 mm F1.0 fixed lens;
- 8A46: Dual 1/1.8" sensors, 8A86: 1/1.2" sensor + 1/1.8" sensor
- P-Iris, smart hybrid light, 140 dB WDR
- DF 2.0 SharpMotion, ShotN
- 6-in-1 intelligence on CH-1; Perimeter Protection on CH-2
- TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, 1 RS-485, 12V DC Power Out
- IP67, IK10, PVC FREE, NEMA 4X for -Y models



### IDS-2CD8A4860-XZ(H)S(Y)

- 2-ch 4 MP@30 fps
- 5-20 mm DarkFighterX motor lens + 4 mm F1.0 fixed lens
- Dual 1/1.8" sensors, smart hybrid light
- P-Iris, 140 dB WDR
- 6-in-1 intelligence on CH-1; Perimeter Protection on CH-2
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



### IDS-2CD8Ax660-XZ(H)S(Y)

- 4 MP@60 fps + 4 MP@30 fps/8 MP@24 fps + 4 MP@30 fps
- 8A46: 8-32 mm DarkFighter motor lens + 4 mm F1.0 fixed lens;
- 8A86: 10-50 mm DarkFighter motor lens + 4 mm F1.0 fixed lens;
- 8A46: Dual 1/1.8" sensors, 8A86: 1/1.2" sensor + 1/1.8" sensor
- P-Iris, smart hybrid light, 140 dB WDR
- 6-in-1 intelligence on CH-1; Perimeter Protection on CH-2
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



### IDS-2CD8A4660-IZ/UH

- 4 MP@30 fps, 2.8-12 mm motor lens
- -60° C low-temperature startup and operating
- 1/1.8" sensor
- 140 dB WDR
- Perimeter Protection, support AIOP
- IP67, IK10 (excluding glass window)



### IDS-2CD8A4660/SC-XZY

- 4 MP@60 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, smart hybrid light
- 2L tank, auto/scheduled wiper & spray self-cleaning
- 140 dB WDR
- 5-in-1 intelligence
- TPM 2.0
- IP67, PVC FREE, NEMA 4X

# NETWORK CAMERAS – Ultra Series

## X6 Line



DarkFighter+ HEOP AcuSense

### DS-2CD3Bx6G2T-IZHS(Y)

- 4/8 MP@30 fps
- 2.8-12 mm/8-32 mm motorized lens
- 1/1.8" sensor, P-Iris, 140 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 3/3 Alarm I/O, 1 RS-485, DC 12V Power Out
- IP67, IK10, NEMA 4X for -Y models



DarkFighter+ HEOP AcuSense

### DS-2CD3Dx6G2T-IZHSU(Y)

- 4/8 MP@30 fps, Anti-IR-Reflection dome
- 2.8-12 mm/8-32 mm motorized lens
- 1/1.8" sensor, P-Iris, 140 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 2/2 Alarm I/O, Built-in Mic, DC 12V Power Out
- IP67, IK10, NEMA 4X for -Y models



HEOP AcuSense

### DS-2CD36x6G2(T)-IZS(Y)

- 4/6/8 MP@30 fps
- 2.7-13.5 mm/7-35 mm motorized lens
- 1/1.8" sensor for 8 MP models, Auto Iris, 120 dB WDR,
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 (G2) or 2/2 (G2T) Alarm I/O, DC 12V Power Out (G2T only)
- IP67, IK10, NEMA 4X for -Y models



HEOP AcuSense

### DS-2CD37x6G2(T)-IZS(Y)

- 4/6/8 MP@30 fps
- 2.7-13.5 mm/7-35 mm motorized lens
- 1/1.8" sensor for 8 MP models, Auto Iris, 120 dB WDR
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 (G2) or 2/2 (G2T) Alarm I/O, DC 12V Power Out (G2T only)
- IP67, IK10, NEMA 4X for -Y models



HEOP AcuSense

### DS-2CD30x6G2-IS

- 4/6/8 MP@30 fps, 2.8/4/6 mm fixed lens
- 1/1.8" sensor for 8 MP models
- 120 dB WDR
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 Alarm I/O, DC 12V Power Out
- IP67



HEOP AcuSense

### DS-2CD31x6G2-IS(U)

- 4/6/8 MP@30 fps, 2.8/4/6 mm fixed lens
- 1/1.8" sensor for 8 MP models
- 120 dB WDR
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 Alarm I/O, DC 12V Power Out, Built-in Mic for -U models
- IP67, IK10



HEOP AcuSense

### DS-2CD33x6G2-IS(U)

- 4/6/8 MP@30 fps, 2.8/4/6 mm fixed lens
- 1/1.8" sensor for 8 MP models
- 120 dB WDR
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 Alarm I/O, DC 12V Power Out, Built-in Mic for -U models
- IP67



HEOP AcuSense

### DS-2CD3T46G2-4IS(Y)

- 4/6/8 MP@30 fps, 2.8/4/6 mm fixed lens
- 1/1.8" sensor for 8 MP models
- 120 dB WDR, up to 90 m IR
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 2/2 Alarm I/O, DC 12V Power Out
- IP67, NEMA 4X for -Y models



HEOP AcuSense

### DS-2CD35x6G2-IS

- 4/6/8 MP@30 fps, 2.8/4 mm fixed lens
- 1/1.8" sensor for 8 MP models
- 120 dB WDR
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 Alarm I/O, Built-in Mic, DC 12V Power Out
- IP67



HEOP AcuSense

### DS-2CD3046G2-IU/SL

- 4 MP@30 fps, 2.8/4/6 mm fixed lens
- F1.4, 1/3" sensor, smart hybrid light
- 120 dB WDR
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- Built-in Mic & Speaker
- Strobe light and audio alarm
- IP67



HEOP AcuSense

### DS-2CD3346G2-ISU/SL

- 4 MP@30 fps, 2.8/4/6 mm fixed lens
- F1.4, 1/3" sensor, smart hybrid light
- 120 dB WDR
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 Alarm I/O, Built-in Mic & Speaker
- Strobe light and audio alarm
- IP67



HEOP AcuSense

### DS-2CD3T46G2-ISU/SL

- 4 MP@30 fps, 2.8/4/6 mm fixed lens
- F1.4, 1/3" sensor, smart hybrid light
- 120 dB WDR
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 2/2 Alarm I/O, Built-in Mic & Speaker
- Strobe light and audio alarm
- IP67

## 3-Line Special Models



HEOP AcuSense

### DS-2CD37x6G2H(T)-LIZSU(SL)(Y)(PTRZ)

- 4/8 MP@30 fps, 2.7-13.5 mm motorized lens
- PTRZ 1-step onsite installation
- 130 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 2/2 Alarm I/O, DC 12V Power Out, -U: Built-in Mic
- /SL: strobe light and audio alarm
- IK10, IP66 for G2H models, IP67 for G2HT models, NEMA 4X for -Y models



HEOP AcuSense

### DS-2CD31x6G2-IMS

- 4/8 MP@30 fps, 2.8/4 mm fixed lens
- 1 type D HDMI interface (female plug) (720p@50 fps/60 fps, 1080p@25 fps/30 fps/50 fps/60 fps, HDMI version 1.4)
- 130 dB WDR
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 Alarm I/O
- IK10



HEOP AcuSense

### DS-2CD3A46G2T-IZHS

- 4 MP@30 fps, 5-50 mm motorized lens
- 1/1.8" sensor, 100 m IR
- 120 dB WDR
- AcuSense, support Learn-by-example
- 1/1 Audio I/O, 2/2 Alarm I/O
- IP67, IK10



HEOP AcuSense

### DS-2CD3A26G2T-IZS

- 2 MP@60 fps, 4.7-71 mm motorized lens
- 1/2.8" sensor, 150 m IR
- 120 dB WDR
- AcuSense/Face Capture
- 1/1 Audio I/O, 2/2 Alarm I/O
- IP67, IK10

# PTZ CAMERAS

## DF-Line PTZ Cameras



### **Smaller, Lighter, Stronger**

- Compact, lightweight designs simplify installation
- Sharper motion in any light with DarkFighter 2.0
- OIS/GIS image stabilization in vibrating environments
- Dual-track slip ring design and Smart Pan-tilt Correction

### **See Further and Faster**

- Optical zoom from 25x to 60x, with lighting distances up to 800 m
- Panning at up to 700°/s for swift event response

### **A Variety of Intelligent Functions**

- Classified object detection and tracking
- Detection of license plates, water level, and infrastructure displacement
- Running algorithms customized via AI Open Platform (AIOP)

### **Assured Security**

- TPM, FIPS 140-2 validated cryptographic module

## Hikvision TandemVu PTZ Cameras



### **One Instead of Many**

One camera provides benefits equivalent to multiple cameras. Enjoy the one-time installation and use only one IP address.

### **Big Picture and Details in One View**

Getting the big picture of the scene while securing every detail. At the same time. All the time.

### **Smart Linkage of Two Video Channels**

Automatic object detection via the panoramic channel will trigger instant tracking via the PTZ channel.

### **A Variety of Intelligent Functions**

Providing AI functions including perimeter protection, facial recognition, ANPR, and traffic violation detection.

# NETWORK CAMERAS – PTZ Cameras

## Pro Series



**TandemVu**

### DS-2SE4C425MWG-E(14F0)

- Panoramic: 4 MP@25/30 fps, 1/3" sensor, 2.8 mm
- PTZ: 4 MP@25/30 fps, 1/2.8" sensor, 25x optical zoom
- 30 m white light, 100 m IR
- 120 dB WDR, EIS
- PTZ: 360° pan, -15° to 90° tilt
- Smart events, face capture
- Smart linkage
- IP66



### DS-2DE4A225IWG-E

- 2 MP@50/60 fps, 1/2.8" sensor, 25x optical zoom
- 50 m IR
- 120 dB WDR, EIS
- 360° pan, -5° to 90° tilt
- Smart events, face capture, crowd density detection
- Auto tracking 2.0
- IP66



### DS-2DE4425IW-DE

- 4 MP@25/30 fps, 1/2.8" sensor, 25x optical zoom
- 100 m IR
- 120 dB WDR, EIS
- 360° pan, -15° to 90° tilt
- Smart events, face capture
- Auto tracking 2.0
- IP66



**TandemVu**

### DS-2SE7C432MW-AEB(14F1)

- Panoramic: 4 MP@25/30 fps, 1/1.8" sensor, 4 mm
- PTZ: 4 MP@25/30 fps, 1/1.8" sensor, 32x optical zoom
- 30 m white light, 200 m IR
- 120 dB WDR, GIS
- PTZ: 360° pan, -15° to 90° tilt
- Smart events, face capture
- Smart linkage, auto tracking 3.0
- IP66, IK10



**TandemVu**

### DS-2SE7C432MWG-EB/26(F0)

- Panoramic: 180° 6 MP@25/30 fps, 1/1.8" sensor, 2.8 mm
- PTZ: 4 MP@25/30 fps, 1/1.8" sensor, 32x optical zoom
- 30 m white light, 200 m IR
- 120 dB WDR, GIS
- PTZ: 360° pan, -15° to 90° tilt
- Smart events, face capture
- Smart linkage, auto tracking 2.0
- IP66



### DS-2DE7A432IWG-EB

- 4 MP@25/30 fps, 1/1.8" sensor, 32x optical zoom
- 200 m IR
- 120 dB WDR, EIS
- Pan: 360°, tilt: -15° to 90°
- Smart events, face capture
- Auto tracking 2.0
- IP66, IK10



**ColorVu**  
TECHNOLOGY

### DS-2DE7A432MWG-EB

- 4 MP@25/30 fps, 1/2.8" sensor, 32x optical zoom
- 100 m white light, 150 m IR
- 120 dB WDR, EIS
- Pan: 360°, tilt: -15° to 90°
- Smart events
- Auto tracking 2.0
- IP66, IK10

## Ultra Series



**DarkFighter**  
**TandemVu**

### DS-2SF8C442MXS-DL(14F1)

- Panoramic: 4 MP@25/30 fps, 1/1.8" sensor, 4 mm
- PTZ: 4 MP@25/30 fps, 1/1.8" sensor, 42x optical zoom
- 30 m white light, 300 m IR
- 120 dB WDR, GIS
- Panoramic: 7° to 17° tilt
- PTZ: 360° pan, -20° to 90° tilt
- Smart events, face comparison, ANPR, traffic violation detection
- Smart linkage, auto tracking 3.0
- IP67, IK10



**DarkFighter**  
**TandemVu**

### DS-2SF8C442MXG-ELW/26(F0)

- Panoramic: 190° 6 MP@25/30 fps, 1/1.8" sensor, 2.8 mm
- PTZ: 4 MP@25/30 fps, 1/1.8" sensor, 42x optical zoom
- 30 m white light, 300 m IR
- 120 dB WDR, GIS
- Panoramic: 12° to 24° tilt
- PTZ: 360° pan, -20° to 90° tilt
- Smart events, face comparison, ANPR, traffic violation detection
- Smart linkage, auto tracking 3.0
- IP67, IK10



**NEW**  
**DarkFighter 2.0**

### DS-2DF7A425IXG-EL(Y)

- 4 MP@50/60 fps, 1/1.8" sensor, 25x optical zoom
- 300 m IR
- 140 dB WDR, GIS
- 360° pan, -20° to 90° tilt, smart pan-tilt correction
- Smart events, face capture
- Auto tracking 2.0
- IP67, IK10



**NEW**  
**DarkFighter 2.0**

### DS-2DF7A836IXG-EL(Y)

- 8 MP@50/60 fps, 1/1.8" sensor, 36x optical zoom
- 300 m IR
- 140 dB WDR, GIS
- 360° pan, -20° to 90° tilt, smart pan-tilt correction
- Smart events, face capture
- Auto tracking 2.0
- IP67, IK10



**DarkFighter**

### DS-2DF8C260I5XG-ELW

- 2 MP@25/30 fps, 1/1.2" sensor, 60x optical zoom
- 500 m laser
- 140 dB WDR, OIS
- 360° pan, -20° to 90° tilt, smart pan-tilt correction
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP67, IK10, auto wiper



**DarkFighter**

### DS-2DF8C442IXG-ELW

- 4 MP@25/30 fps, 1/1.8" sensor, 42x optical zoom
- 400 m IR
- 140 dB WDR, OIS
- 360° pan, -20° to 90° tilt, smart pan-tilt correction
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP67, IK10, auto wiper



**DarkFighter**

### DS-2DF8C435MHS-DELW

- 4 MP@25/30 fps, dual 1/1.8" sensors, 35x optical zoom
- 300 m IR, hybrid light
- 140 dB WDR, GIS
- 360° pan, -20° to 90° tilt
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP67, IK10, auto wiper



**DarkFighter**

### DS-2DF8225IX-AEL(T5)

- 2 MP@25/30 fps, 1/1.8" sensor, 25x optical zoom
- 400 m IR
- 140 dB WDR, GIS
- 360° pan, -20° to 90° tilt
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP67, IK10



**DarkFighter**

### DS-2DF8242I5XG-ELW

- 2 MP@25/30 fps, 1/1.8" sensor, 42x optical zoom
- 500 m laser
- 140 dB WDR, GIS
- 360° pan, -20° to 90° tilt
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP66, auto wiper



**DarkFighter**

### DS-2DF9C848LXG-LW

- 8 MP@25/24 fps, 1/1.2" sensor, 48x optical zoom
- 800 m laser
- 140 dB WDR, OIS
- 360° pan, -20° to 90° tilt, smart pan-tilt correction
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP67, auto wiper

## Special Series



**DarkFighter**

### DS-2DY5225IX-AE

- 2 MP@25/30 fps, 1/1.8" sensor, 25x optical zoom
- 250 m IR
- 120 dB WDR, EIS
- 360° pan, -90° to 90° tilt
- Smart events, face capture
- Auto tracking 2.0
- IP66



**DarkFighter**

### DS-2DY9250IAX-A(T5)

- 2 MP@25/30 fps, 1/1.8" sensor, 50x optical zoom
- 1000 m laser
- 140 dB WDR, GIS
- 360° pan, -40° to 90° tilt
- Smart events, face capture
- Auto tracking 2.0
- IP66

# PANORAMIC CAMERAS

## Fisheye Cameras

Panoramic view in small-scale scenarios

DS-2CD63x5G1-IVS  
DS-2CD63x5G1-S/RC  
DS-2CD6W65G1-IVS



- Crisp images with more effective pixels and fewer black edges
- Clear audio with four built-in mics
- More intelligent functions to suit varied needs
- Quick assembly saves installation time

## Multidirectional PanoVu Cameras

360° coverage in medium-scale scenarios

DS-2CD6D54G2-IZHS (4-lens)  
DS-2CD6D55G2-IZHS (5-lens)



- 360° coverage with up to five lenses
- Remote PTRZ lens adjustment
- Multi-channel false alarm reduction
- One-cable installation & one-IP configuration

## Panoramic & PTZ Cameras

All-around protection in large-scale scenarios

DS-2DP8A845IXG-LF/864(F0)  
DS-2DP8A845IXG-LF/432(F0)  
DS-2DP8A440IXG-LEF/624(F0)  
DS-2CD6984G0-IHSY



- Capture up to 64 MP 360° panoramas and zoom up to 45 times with the PTZ lens
- Benefit from an anti-corrosion coating on select image-stitching 180° PanoVu camera models
- Get a bird's-eye view of the site via the AR live map and click on specific locations for more details as you track through picture-in-picture mode

# SOLAR-POWERED SECURITY CAMERAS

Flexible security,  
sustainable power

## ***Tailored to diverse needs***

Our offerings include dual-detection cameras, PT cameras, varifocal bullet cameras, varifocal ANPR cameras, various forms of PTZs, and even solar power kit

## ***Working totally wirelessly***

24/7 protection extended far away from power supplies and Ethernet cables

## ***Optimized power utilization***

Rest assured about the power supply with low power consumption and reliable battery performance

## ***Easy and flexible deployment***

Wireless, all-in-one design enables ultra-convenient deployment

## ***Reliable in virtually any weather***

Built sturdy and stable to resist rain, wind, and corrosion



**SOLAR-POWERED  
& CABLE-FREE**

**- UNLIMITED SECURITY!**

Hikvision Integrated Solar-Powered Security Solution

An **off-the-shelf solution**  
is readily available!

# EXPLOSION-PROOF & ANTI-CORROSION CAMERAS

## Explosion-Proof Cameras

Designed and Crafted for Special Needs

Hikvision's explosion-proof cameras are designed with robust housings and unique features that ensure their safety, even in the harshest environments.

### ***Abundant housing material options***

Various housing materials, including 316L and 304 stainless steel and aluminum alloy, are available to fit specific needs.

### ***Complete protection, inside and out***

Accessories like brackets, flexible conduits, and terminal boxes are also explosion-proof. All these cameras are certified to ATEX and IECEx standards.

### ***Excellent low-light imaging plus intelligent functions***

DarkFighter technology ensures great images in low light, while deep learning functions such as hard hat detection and perimeter protection enable intelligent applications on select camera models.

## Anti-Corrosion Cameras

Next-level endurance & performance

Hikvision's anti-corrosion cameras are protected by corrosion-resistant materials and designs to withstand harsh marine or industrial environments.

### ***Next-gen material for next-level performance***

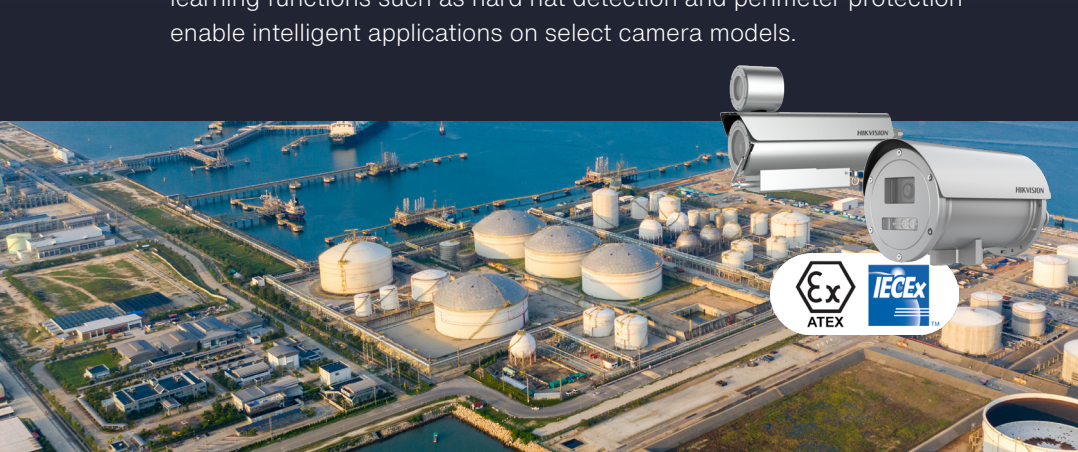
Our latest offerings feature a reinforced polyamide to resist corrosion while providing an excellent strength/weight ratio and ease of use.

### ***All-around ruggedness, certified***

All these cameras are certified to C5-M & NEMA 4X standards. Select models have both corrosion-resistant housings and accessories.

### ***Excellent imaging, flexible intelligence***

Enjoy perfect low-light imaging, AI person and vehicle detection, and compatibility with third-party or user-defined applications on select camera models.



# HIGH-TEMPERATURE & ULTRA-LOW-TEMPERATURE CAMERAS

## Water-Cooling Camera Models

DS-2XT6645G0-LIZS/C25  
DS-2XT6685G0-LIZS/C25



## Air-Cooling Camera Models

DS-2XT6645G0-LIZS/C15



## Semiconductor-Cooling Camera Models

DS-2XT6445G2-L/C08



## High -Temperature Cameras

## Ultra- Low -Temperature Cameras



iDS-2CD8A46G0-IZ/UH

Crisp details at long distances with excellent low-light imaging

Reliable performance despite high temperatures, dust, and corrosion

Operating 24/7 in high-temperature environments

Starting up and operating at  $-60^{\circ}\text{C}$ , maintaining safety in freezing environments

Multiple heaters for key components and slowed-down heat dissipation

Lens window heater to help remove ice and mist

# NETWORK CAMERAS – Dedicated Series

## Panoramic Cameras



**DS-2CD3956G2-ISU**

- 180° FOV, 5 MP (2560×1920)@30 fps
- Support heat map and people counting
- Privacy mask
- Support HEOP
- One built-in microphone



**DS-2CD6W65G1-IVS**

- 360° FOV, 6 MP@30 fps
- 20 dewarping modes
- Four deep learning functions
- Motorized lens cover, privacy mask
- One built-in microphone
- Support HEOP, SIP
- IP67, IK10



**DS-2CD63C5G1-S/RC**

- 360° FOV, 12 MP@30 fps, 1:1 ratio (3504×3504)
- 20 dewarping modes
- Four deep learning functions
- Privacy mask
- Four built-in microphones
- Support HEOP, SIP
- Support embedded ceiling mount



**DS-2CD63C5G1-IVS**

- 360° FOV, 12 MP@30 fps, 1:1 ratio (3504×3504)
- 20 dewarping modes
- Four deep learning functions
- Privacy mask
- Two-way audio, four built-in microphones, one built-in speaker
- Support HEOP, SIP
- IP67, IK10



**DS-2CD6D54G2-IZHS(2.8-8mm)**

- 4×5MP@30fps
- Four adjustable lenses cover up to 360° FOV
- Manual lens adjustment, pan: 0° to 350°, tilt: 10° to 90°, rotate: 0° to 350°, zoom: 2.8-8 mm
- IP67, IK10



**DS-2CD6D55G2-IZHS**

- 4×5 MP@30 fps + 2 MP@30 fps
- PTRZ remote lens adjustment, pan: 0° to 350°, tilt: 0° to 90°, rotate: -90° to 90°, zoom: 2.8-8 mm
- Four channels support AcuSense
- IP67, IK10, NEMA 4X



**DS-2CD6984G0-IHSY**

- 32 MP@30 fps
- FOV: horizontal 180°, vertical 95°
- 180° stitching panoramic image
- Support AR function based on professional platform
- IP67, IK10, NEMA 4X



**DS-2DP8A845IXG-LF/864(F0)**

- Panoramic: 64 MP@30 fps, 2×180° FOV
- PTZ: 8 MP@25 fps, 45x optical zoom
- Panoramic channel with 180° stitching image
- 500 m IR supplemental light
- Support AR function based on professional platform
- IP67



**DS-2DP8A440IXG-LF/832(F0)(B)**

- Panoramic: 32 MP@30 fps, 2×180° FOV
- PTZ: 4 MP@25 fps, 40x optical zoom
- Panoramic channel with 180° splicing image
- 500 m IR supplemental light
- Support AR function based on professional platform
- Smart linkage
- IP67

## Solar-Powered Cameras



**DS-2XS3Q47G1-LD(H)/4G/C18S40**  
**DS-2XS3Q47G1-LDW(H)/C18S40**

- 4 MP@15 fps
- ColorVu, F1.0 super aperture
- Two-way audio
- 4G: 4G model (LTE-TDD/LTE-FDD/WCDMA/GSM)
- W: Wi-Fi model, up to 1 km wireless transmission
- IP65



**DS-2XS6A47G1-LS/C36S80**  
**DS-2XS6A87G1-LS/C36S80**

- 4/8 MP@30 fps
- ColorVu, F1.0 super aperture
- AcuSense, smart events
- 4G (LTE-TDD/LTE-FDD/WCDMA/GSM)
- Resistance to level-12 winds at up to 40 m/s
- IP67



**DS-2XS6A46G1-IZS/C36S80**  
**DS-2XS6A46G1/P-IZS/C36S80**

- 4 MP, 2.8-12 mm/8-32 mm
- AcuSense, smart events
- /P supports ANPR
- 4G (LTE-TDD/LTE-FDD/WCDMA/GSM)
- Resistance to level-12 winds at up to 40 m/s
- IP67



**DS-2DE5425IWG-K/4G**

- 4 MP@30 fps
- 25x optical zoom
- 150 m IR supplemental light
- 4G (LTE-TDD/LTE-FDD/WCDMA/GSM)
- IP66



**DS-2SE7C432IWG-K/4G/14(F0)**

- Bullet: 4 MP@30 fps, supports ColorVu
- PTZ: 4 MP@30 fps, 32x zoom, supports DarkFighter
- 4G (LTE-TDD/LTE-FDD/WCDMA/GSM)
- Support AcuSense
- IP66, IK10

## Wildlife Cameras



**DS-2XS6F85G1-IC1/4G**  
**DS-2XS6F85G1-LC1/4G**  
**DS-2XS6F45G1-IC1/S/4G**

- 4/8 MP@15 fps
- /S: with a solar panel
- PIR detects targets and wakes up the camera to capture
- IR or white supplemental light
- 4G (LTE-TDD/LTE-FDD/WCDMA/GSM)
- Built-in GPS, IP67



**DS-2XS6K01-C36S80**

- Solar panel: 80 W, battery: 360 Wh
- Support 2×DC12V power outputs
- Weight: 24 kg (solar panel + battery)
- Support wall mount and pole mount
- IP67

## Dual-Lens People Counting Network Cameras



**DS-2CD6825G0/C-IVS**

- 2×2 MP@30 fps
- 120 dB WDR
- 6 m IR supplemental light
- Deep learning people counting (counts people entering and exiting separately)
- One built-in microphone
- IP67

# NETWORK CAMERAS – Explosion-proof & Anti-Corrosion Series

## 316L Explosion-Proof Cameras



### DS-2XE6242F-IS

- 4 MP@30 fps
- Support AcuSense
- IR supplemental light
- 316L stainless-steel enclosure
- ATEX, IECEx, IP68, IK08, corrosion resistance



### DS-2DB4223I-CX DS-2DB4236I-CWX

- 2 MP@30 fps, 23x/36x optical zoom
- Support face capture, privacy mask
- 200 m IR supplemental light
- 316L stainless-steel enclosure
- ATEX, IECEx, IP68, corrosion resistance



### DS-2DF6C431-CX

- 4 MP@30 fps, 31x optical zoom
- Support deep learning functions
- 316L stainless-steel enclosure
- ATEX, IECEx, IP68, corrosion resistance



### DS-2DF8432IWG-CXF

- 4 MP@30 fps, 32x optical zoom
- Support deep learning functions
- 100 m IR supplemental light
- 316L stainless-steel enclosure
- ATEX, IECEx, IP68, corrosion resistance



### DS-2DY9236I-CWX

- 2 MP@30 fps, 36x optical zoom
- Support deep learning functions
- Support manual/event tracking
- 150 m IR supplemental light
- 316L stainless-steel enclosure
- ATEX, IECEx, IP68, NEMA 4X

## 304 Explosion-Proof Cameras



### DS-2XE6445G0-IZS/304

- 4 MP@30 fps, 2.8-12 mm
- Support AcuSense
- IR supplemental light
- 304 stainless-steel enclosure
- ATEX, IECEx, IP68, IK08



### DS-2DF4420-DX(S6)

- 4 MP@30 fps
- 20x optical zoom
- 304 stainless-steel enclosure
- ATEX, IECEx, IP68

## 316L Anti-Corrosion Cameras



### DS-2XC6725G0-IZHS DS-2XC6745G0-IZHS

- 2 MP/4 MP@30 fps, 2.8-12 mm
- IR supplemental light
- Support AcuSense
- 316L stainless-steel enclosure
- Defog, IP68, IK10, NEMA 4X, C5-M



### DS-2DT6232X-AELY

- 2 MP@30 fps, 32x optical zoom
- 140 dB WDR
- Support deep learning functions
- 316L stainless-steel enclosure
- Defog, IP67, IK10, NEMA 4X, C5-M



### DS-2XC6646G0/P-IZHRS DS-2XC6686G0/P-IZHRS DS-2XC6043G0-IHRS DS-2XC6083G0-IHRS

- 2/4/8 MP@30 fps
- 60x3: Support deep learning functions
- /P: Switchable Intelligence: Deep learning ANPR, or AcuSense perimeter protection
- -R: With a wiper
- 316L stainless-steel enclosure
- Defog, IP67/IP68, IK10, NEMA 4X, C5-M
- 60x3: Support DNV certification



### DS-2XC6244G0-L DS-2XC6284G0-L DS-2XC6245G0-L DS-2XC6285G0-L

- 4 MP/8 MP@30 fps, 2.8-12 mm
- White supplemental light
- 316L enclosure and anti-corrosion coating
- Defog, NEMA 4X, C5-M
- IP68, within 15/50 m underwater

## Polymer Anti-Corrosion Cameras



### DS-2XC6027G0-L(S) DS-2XC6047G0-L(S)

- 2 MP@60 fps/4 MP@30 fps
- F1.0 large aperture
- White supplemental light
- Support AcuSense, HEOP
- Polymer anti-corrosion material enclosure
- Defog, IP68, NEMA 4X, C5-M



### DS-2DT5432MWG-T DS-2DT5432MWG-T/4G

- 4 MP@30 fps, 32x optical zoom
- With a 4G model with low power mode
- 100 m IR light or 30 m white light
- Polymer anti-corrosion material enclosure
- Defog, IP67, NEMA 4X, C5-M



### DS-2DT8C442MXG-LWT

- 4 MP@30 fps, 42x optical zoom
- 500 m laser IR light or 100 m white light
- Support AcuSense, AIOP
- Support smart pan-tilt correction
- EIS, defog, with wiper
- Polymer anti-corrosion material enclosure
- IP67, NEMA 4X, C5-M

## High-Temperature Cameras



### DS-2XT6445G2-L/C08

- 4 MP@30 fps
- 120 dB WDR
- Semiconductor-cooling technology for 24/7 working in places cooler than 85° C (185° F)
- White supplemental light
- IP67



### DS-2XT6645G0-LIZS/C15 DS-2XT6645G0-LIZS/C25 DS-2XT6685G0-LIZS/C25

- 4 MP/8 MP @30 fps
- 120 dB WDR
- /C15: Air-cooling technology for 24/7 working in places cooler than 150° C (302° F)
- /C25: Water-cooling technology for 24/7 working in places cooler than 250° C (482° F)
- IR, white supplemental light
- Support HEOP, IP68

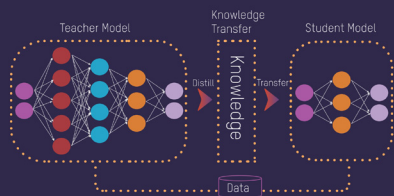


# HEATPRO SERIES THERMAL CAMERAS UPGRADE **VCA3.0**

Professional Protection Made Simple



## **Distillation Model**



Hikvision enhances VCA performance by training a large model (teacher model) to drive a small model (student model). This distillation model has resulted in an impressive 80% reduction in false alarms compared to previous deep learning algorithms.

## **Bi-spectrum Analysis**



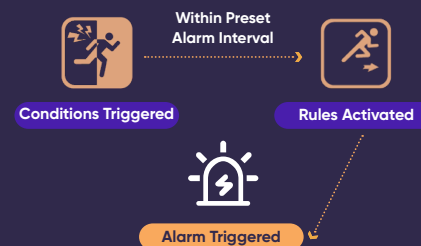
With the upgraded VCA3.0, Hikvision's HeatPro series Thermal Cameras enable bi-spectrum analysis, delivering superb precision even in face of minimal temperature differences. This capability allows for agile allweather detection.

## **Self-Learning Calibration**



HeatPro Series Thermal Cameras automatically identify object types (person or vehicle) and perform calibration without requiring specific configuration rules for each camera. This streamlined process enhances detection accuracy and significantly reduces setup time for large quantities of cameras.

## **Combined Event Alarm**



Streamline users' security system by combining events such as perimeter protection, motion detection, and two alarm inputs. Each combined event rule allows up to 3 pre-events, satisfying specific needs. (Supports 1 rule for HeatPro 160 resolution, and 2 rules for 256 resolution)

# THERMAL

## Security Thermal Cameras



### DS-2TD1228(T)-QA

- Thermal 256x192@12 μm, NETD < 40 mk; Optical: 4 MP
- Model: 2 mm/3 mm/7 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150 °C temperature range with ±8 °C accuracy (T model: -20 °C-550 °C with ±2% )
- PoE (802.3af, class 3)
- IP67



### DS-2TD2628(T)-QA

- Thermal 256x192@12 μm, NETD < 40 mk; Optical: 4 MP
- Model: 3 mm/7 mm/10 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150 °C temperature range with ±8 °C accuracy (T model: -20 °C-550 °C with ±2% )
- PoE (802.3af, class 3)
- IP67, IK10



### DS-2TD2138-QY

- Thermal 384x288@12 μm, NETD < 35 mk
- Model: 4 mm/7 mm/10 mm/13 mm/15 mm/25 mm/35 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150 °C temperature range with ±8 °C accuracy
- PoE (802.3af, class 3)
- IP67, IK10, NEMA 4X anti-corrosion



### DS-2TD2637-QY

- Thermal 384x288@17 μm, NETD < 35 mk; Optical: 4 MP
- Model: 7 mm/10 mm/15 mm/25 mm/35 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150 °C temperature range with ±8 °C accuracy
- PoE (802.3af, class 3)
- IP67, IK10, NEMA 4X anti-corrosion



### HM-TX3840-G0/T1

- Bullet thermal 384x288@12 μm, NETD < 25 mk
- Model: 10 mm/15 mm/25 mm
- PTZ: 4MP, 6-240mm 40x optical zoom
- Perimeter protection (Line crossing/ Intrusion)
- 50m white light(bullet)+250m white light(PTZ)
- One-touch automatically calibration
- Smart linkage with video verification
- IP67



### DS-2TD4228-S2/DS-2TD4238-S2

- Thermal: 256x192/384x288@12 μm, NETD < 35 mk; Optical: 4 MP@4.8-153 mm, 32X
- Model: 4 mm/7 mm/10 mm/25 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150 °C temperature range with ±8 °C accuracy
- Fire detection and smoke detection
- Smart Tracking
- Hi-PoE



### DS-2TD4137-WY(B) DS-2TD4167-WY(B)

- Thermal: 384x288/640x512@17 μm, NETD < 35 mk; Optical: 4 MP@6-240 mm, 40x
- Model: 25 mm/50 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150 °C temperature range with ±8 °C accuracy
- Fire detection and smoke detection
- Smart Tracking, smart wiper
- Hi-PoE



### DS-2TD4538-W/DS-2TD4568-W DS-2TD4638-W/DS-2TD4668-W

- Thermal: 384x288/640x512@12μm, NETD < 35mk; Optical: 4MP@4.8-120mm, 25x, 100m IR
- Model: 25mm/35mm
- Panoramic Intrusion Detection
- Temperature measurement: -20-150 °C temperature range with ±8 °C accuracy
- Fire detection
- 4G/WIFI/Hotspot supported
- 45 series: DC8-36V power supply; 46series: Built-in lithium battery for 9-hour use



### HM-TD7168-W HM-TD71C8-W

- Thermal: 640x512/1280x1024 @12 μm, NETD < 35 mk;
- Model: 55 mm/75 mm
- 360° Panoramic Perimeter protection on human/vehicles/ship/drones
- Fire detection
- Available to link other PT for video verification
- NEMA 4X anti-corrosion



### DS-2TD6237-W DS-2TD6267-WY

- Thermal: 384x288/640x512@17 μm, NETD < 35 mk; Optical: 4 MP@6-240 mm, 40x/6-336 mm, 56x, up to 800 m IR
- Model: 50 mm/75 mm/100 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150 °C temperature range with ±8 °C accuracy
- Fire detection and smoke detection
- Smart Tracking, smart wiper
- Optional NEMA 4X anti-corrosion



### DS-2TD8167-W

- Thermal: 640x512@17 μm, NETD < 35 mk; Optical: 4 MP@6-336 mm, 56x/2 MP@10-780 mm, 78x
- Model: 150 mm/190 mm/230 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150 °C temperature range with ±8 °C accuracy
- Fire detection and smoke detection
- Smart Tracking, smart wiper
- Optional NEMA 4X anti-corrosion



### DS-2TD95C8-W

- Thermal: 1280x1024@12 μm, NETD < 35 mk; Optical: 4 MP@10-800 mm, 80x/2 MP@10-1000 mm, 100x, 3000 m laser
- Model: 150 mm/190 mm/300 mm
- Perimeter protection (Line crossing/ Intrusion)
- Fire detection and smoke detection
- Smart Tracking, smart wiper
- NEMA 4X anti-corrosion

## Thermography Thermal Cameras



### DS-2TD2637T-QY

- Thermal 384x288@17 μm, NETD < 35 mk; Optical: 4 MP
- Model: 7 mm/10 mm/15 mm
- Fire detection and smoke detection
- Temperature measurement: -20-550 °C temperature range with ±2% accuracy
- PoE (802.3af, class 3)
- IP67, IK10, NEMA 4X anti-corrosion



### DS-2TD4137T-W(B) DS-2TD4167T-W(B)

- Thermal: 384x288/640x512@17μm, NETD < 35mk; Optical: 4MP@6-240mm, 40x, 150m IR
- Model: 9mm/25mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-550 °C temperature range with ±2% accuracy
- Fire detection and smoke detection
- Smart Tracking, smart wiper
- Hi-PoE



### DS-2TD6237T-W DS-2TD6267T-W

- Thermal: 384x288/640x512@17 μm, NETD < 35 mk; Optical: 4 MP@6-240 mm, 40x, 200 m IR
- Model: 25 mm/50 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-550 °C temperature range with ±2% accuracy
- Fire detection and smoke detection
- Smart Tracking, smart wiper



### DS-2TD2537T-Q(C)

- Thermal 384x288@17 μm, NETD < 35 mk; Optical: 4 MP
- Model: (4mm/7mm/10mm/15mm)
- Fire detection and smoke detection
- Temperature measurement: -20-650 °C temperature range with ±2% accuracy
- IP68, NEMA 4X anti-corrosion, ATEX, IECEX



### DS-2TD2568T-G0/T1Y

- Thermal 640x512@12 μm, NETD < 25 mk
- Model: 5 mm/15 mm
- Fire detection and smoke detection
- Temperature measurement: -20-650 °C temperature range with ±2% accuracy
- TPM2.0 encryption module
- IP68, NEMA 4X anti-corrosion, ATEX, IECEX



### DS-2TD6537T-W DS-2TD6567T-W

- Thermal: 384x288/640x512@17 μm, NETD < 35 mk; Optical: 4 MP@6-240 mm, 40x, 200 m IR
- Model: 25 mm/50 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-550 °C temperature range with ±2% accuracy
- Fire detection and smoke detection
- 316L stainless steel, IP68, NEMA 4X anti-corrosion, ATEX, IECEX

# NVR 5.0

## Intelligence & Convergence at the Forefront

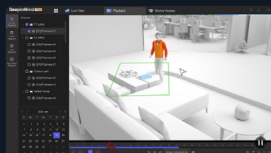


Unleash the power of  
NVR 5.0 with Hikvision

### Intelligent Operation

Smooth UI experience:

- Intuitive live view
- Faster and smarter playback
- Visualized real-time alarm and response



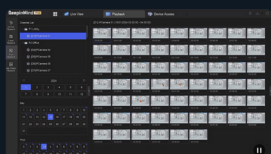
### Smart Search

Draw rule boxes or intrusion lines to quickly filter and identify targets



### AcuSearch

Search specific targets with just one click, then the related videos can be displayed



### Slice Playback

A video could be split into different clips by period. Users can find the snapshot segment to replay



### Intelligent Protection



- Automatic perimeter protection with large-scale model, greatly improving the accuracy of the algorithms

### Intelligent Connection



- Smart audio and video linkage for instant response and data storage
- NVRs can store and process data and transfer it to the platform on demand

### Intelligent Application

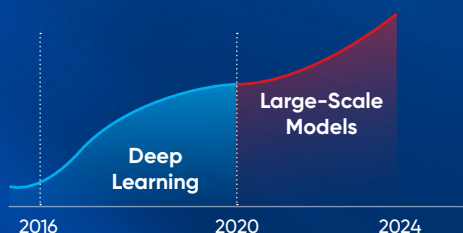


- Converged functions provide support for video, audio, alarm, access control, and other application access

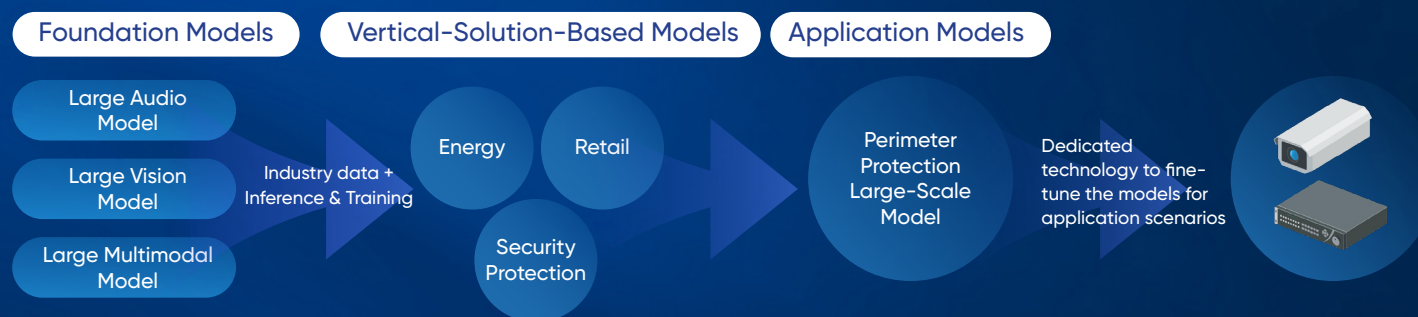
# DEEPINMIND INTELLIGENCE

Perimeter Protection with a Large-Scale Model

## Technology Evolution



## Implementation of Hikvision's Large-Scale Models



## Core Values

Experience high-accuracy alarms the moment you set the system up



\*Compared with AcuSense

## Products



# NETWORK VIDEO RECORDERS

## M Series



### DS-7608NI-M2(8P)

- Max. 8-ch IP camera inputs
- Incoming/outgoing bandwidth: 128 Mbps/256 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 2 SATA interface, up to 16 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- /P: PoE



### DS-7616NI-M2(16P)

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 2 SATA interface, up to 16 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- /P: PoE



### DS-7716NI-M4(16P)

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 4 SATA interface, up to 16 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 1 VGA
- /P: PoE



### DS-7732NI-M4(16P)

- Max. 32-ch IP camera inputs
- Incoming/outgoing bandwidth: 320 Mbps/400 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 4 SATA interface, up to 16 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 1 VGA
- /P: PoE



### DS-9632NI-M8/R

- Max. 32-ch IP camera inputs
- Incoming/outgoing bandwidth: 320 Mbps/400 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 8 SATA interface, up to 16 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare



### DS-9664NI-M8/R

- Max. 64-ch IP camera inputs
- Incoming/outgoing bandwidth: 400 Mbps/400 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 8 SATA interface, up to 16TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare

## Super H Series



### DS-96128NI-H16R

- Max. 128-ch IP camera inputs
- Incoming/outgoing bandwidth: 1024 Mbps/1024 Mbps
- Up to 3-ch@32 MP/48-ch@1080p decoding capacity
- 16 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 16/8
- 2 HDMI, 1 VGA, 2 DP, 2 V-DP
- Redundant power supply, N+M hot spare



### DS-96128NI-H16R/LCD

- Max. 128-ch IP camera inputs
- Incoming/outgoing bandwidth: 1024 Mbps/1024 Mbps
- Up to 3-ch@32 MP/48-ch@1080p decoding capacity
- 16 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 16/8
- 2 HDMI, 1 VGA, 2 DP, 2 V-DP, 2 V-SAS, 4 Fiber Optic Interface
- Redundant power supply, N+M hot spare
- 7-inch LCD touch display



### DS-96256NI-H24R

- Max. 256-ch IP camera inputs
- Incoming/outgoing bandwidth: 1280 Mbps/1280 Mbps
- Up to 3-ch@32 MP/48-ch@1080p decoding capacity
- 24 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 16/8
- 2 HDMI, 1 VGA, 2 DP, 2 V-DP
- Redundant power supply, N+M hot spare



### DS-96256NI-H24R/LCD

- Max. 256-ch IP camera inputs
- Incoming/outgoing bandwidth: 1280 Mbps/1280 Mbps
- Up to 3-ch@32 MP/48-ch@1080p decoding capacity
- 24 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 16/8
- 2 HDMI, 1 VGA, 2 DP, 2 V-DP
- Redundant power supply, N+M hot spare
- 7-inch LCD touch display

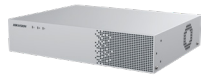
# DEEPINMIND INTELLIGENCE

## DeepinMind M Series



### iDS-6708NXI-M1/X

- Max. 8-ch IP camera inputs
- Incoming/outgoing bandwidth: 128 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 1 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- Up to 8-ch perimeter protection /Up to 8-ch facial recognition for video stream, or up to 8-ch facial recognition for face picture/Up to 8-ch video structuralization



### iDS-6716NXI-M1/X

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 1 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- Up to 16-ch perimeter protection /Up to 16-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture/Up to 16-ch video structuralization



### iDS-7608NXI-M2(/8P)/X

- Max. 8-ch IP camera inputs
- Incoming/outgoing bandwidth: 128 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 2 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- /P: PoE
- Up to 8-ch perimeter protection /Up to 8-ch facial recognition for video stream, or up to 8-ch facial recognition for face picture/Up to 6-ch video structuralization



### iDS-7616NXI-M2(/16P)/X

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 2 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- /P: PoE
- Up to 12-ch perimeter protection /Up to 8-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture /Up to 6-ch video structuralization



### iDS-7716NXI-M4(/16P)/X

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 4 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/4
- 2 HDMI, 1 VGA
- /P: PoE
- Up to 16-ch perimeter protection /Up to 16-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture /Up to 12-ch video structuralization



### iDS-7732NXI-M4(/16P)/X

- Max. 32-ch IP camera inputs
- Incoming/outgoing bandwidth: 320 Mbps/400 Mbps
- Up to 2-ch@32 MP/32ch@ 1080p decoding capacity
- 4 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/4
- 2 HDMI, 1 VGA
- /P: PoE
- Up to 24-ch perimeter protection /Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture/Up to 12-ch video structuralization



### iDS-9632NXI-M8R/X

- Max. 32-ch IP camera inputs
- Incoming/outgoing bandwidth: 320 Mbps/400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 8 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare
- Up to 24-ch perimeter protection/Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture/Up to 12-ch video structuralization



### iDS-9664NXI-M8R/X

- Max. 64-ch IP camera inputs
- Incoming/outgoing bandwidth: 400 Mbps/400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 8 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare
- Up to 24-ch perimeter protection/Up to 16-ch facial recognition for video stream, or up to 48-ch facial recognition for face picture/Up to 12-ch video structuralization

# SERVERS

## Tower Workstation



### DS-VP41D-C/HW3

- CPU: i3-12100
- Memory: 8GB
- Hard Disk: 256GB SSD
- Ports: HDMI×1+DP×3
- Support 4 simultaneous screen displays
- Power supply: 300W
- Operating system: Win 10 IoT
- 3 years global platinum service



NEW

### DS-VP41D-C/HW5L

- CPU: i5-12500
- Memory: 8GBx2
- Hard Disk: 1TB SSD
- Ports: HDMI×1+DP×3
- Support 4 simultaneous screen displays
- Power supply: 300W
- Operating system: Win 10 IoT
- 3 years global platinum service



NEW

### DS-VP41D-C/HW7L

- CPU: i7-12700
- Memory: 8GBx2
- Hard Disk: 1TB SSD
- Ports: HDMI×1+DP×3
- Support 4 simultaneous screen displays
- Power supply: 300W
- Operating system: Win 10 IoT
- 3 years global platinum service

## Single-socket Rackmount Server



### DS-VE11D-C/HW01

- CPU: E-2324G
- Memory: 16GB
- Hard Disk: 1T 7.2K SATA×2(RAID\_1)
- Storage Controller: H355
- Ports: 1GbE×2
- Power supply: 450W
- Operating system: Winserver 2019
- 3 years global platinum service



NEW

### DS-VE11D-D/HW05

- CPU: E-2378
- Memory: 32GB
- Hard Disk: 960G SATA SSD×2(RAID\_1)
- Storage Controller: H355
- Ports: 1GbE×2
- Power supply: 450W
- Operating system: Winserver 2019
- 3 years global platinum service

## Dual-socket Rackmount Server







### DS-VD22D-C/HW2

- CPU: 4309Y
- Memory: 32GB
- Hard Disk: 2TB 7.2K SATA×2(RAID\_1)
- Storage Controller: H355
- Ports: 1GbE×6
- Power supply: 800W(1+1)
- Operating system: Winserver 2019
- 3 years global platinum service

# ONBOARD SECURITY

Drive with confidence, secure with intelligence

## Application Scenarios

-  High-definition view with up to 6MP HD video monitoring
-  Intelligent driver assistance through built-in ADAS, DSM & BSD\*
-  Reduce blind spots with a complete view around the vehicle
-  Simple installation & durable performance



Transit Bus



School Bus



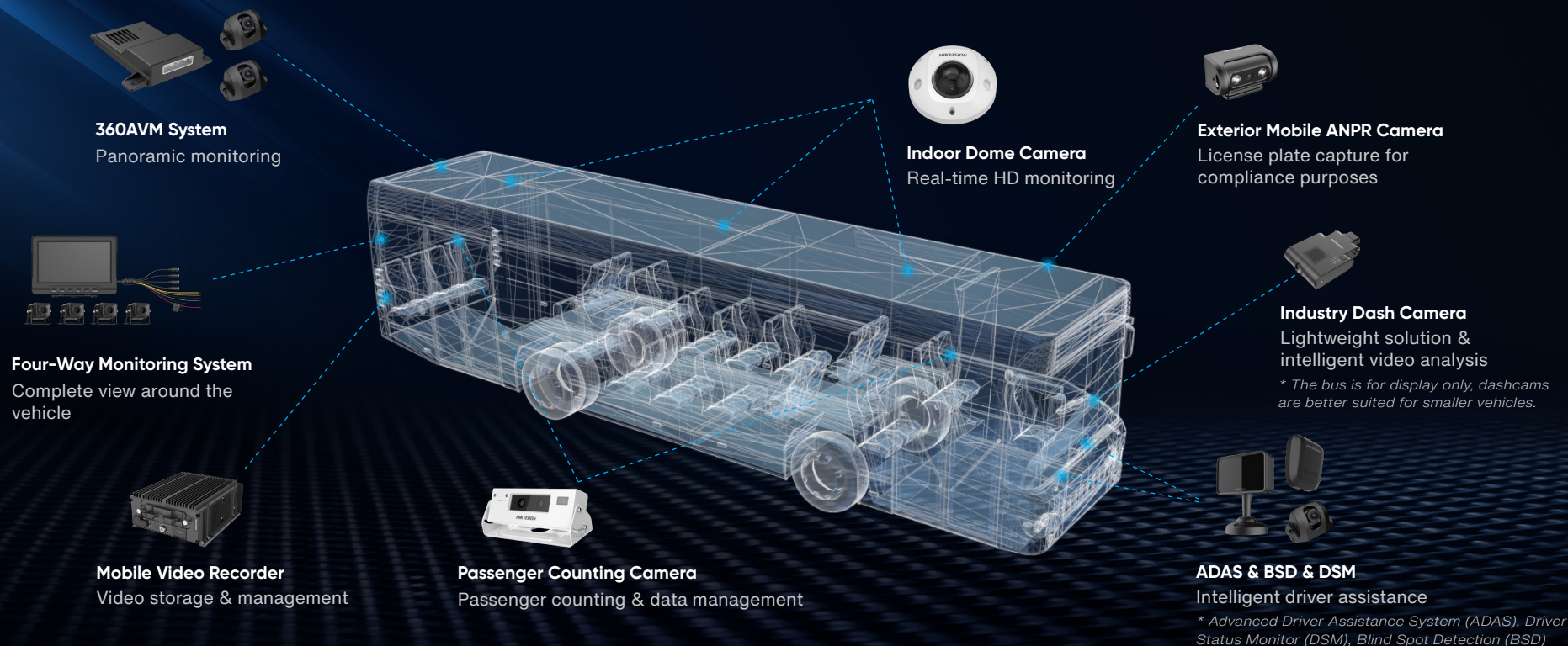
Truck



Taxi



Rail Transport



# ONBOARD SECURITY

## People counting camera



### DS-2XM6825G1

- Up to 2 MP Resolution
- Passenger counting AI function
- Clear imaging against strong backlight due to 105 dB WDR technology
- Resistant to water and dust (IP66) and vandalism (IK08)

## ANPR AI Camera



### AE-VC5831-IS/P

- High quality imaging with 5 MP resolution
- Clear imaging against strong backlight due to 120 dB true WDR technology
- Capable of identifying license plates
- Resistant to water and dust (IP68 & IP69K) and vandalism (IK10)

## Network Camera



### DS-2XM6726G1

- Up to 1080P resolution
- Clear imaging against strong backlight due to 120 dB WDR technology
- Resistant to water and dust (IP67) and vandalism (IK10)

## DSM Camera



### AE-VC154T-IT

- Up to 720P resolution
- Supports automatic electronic shutter function to adapt to different monitoring scenarios
- Supports automatic electronic gain function and brightness adaption
- Incorporates a shock-proof design

## ADAS Camera



### AE-VC155T

- Up to 720P resolution
- Supports automatic electronic shutter
- Supports automatic gain control
- Supports WDR

## BSD Camera



### AE-VC236T

- Supports HD coaxial output at 1080P resolution
- Minimum illumination of 0.01 Lux @ (F1.2, AGC ON)
- Adopts automatic electronic shutter to adapt to different environment
- Resistant to water and dust (IP68 & IP69K) and vandalism (IK10)

## Mobile Hybrid Vedio Recorder



### AE-MH0804

- Supports 4 channels of IP cameras and 8 channels of analog HD cameras
- Offers flexible data transmission solutions with pluggable 4G and Wi-Fi modules
- Incorporates AI functions including ADAS, BSD-R, and DSM
- Supports recording backup on redundant HDD/SSD

## Dash Camera



### AE-DI2032-G40

- Up to 1080P resolution
- Supports 3 channels of video, 1 channel of audio (CH 1)
- GPS and speed overlay on the image
- AI functions
- Built-in Wi-Fi module, support Wi-Fi AP

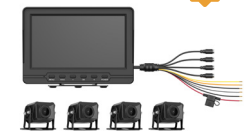
## View Assist System



### AE-VE242A-A

- Supports input for 4 channels of 720P, 1080P high-definition cameras
- 2D/3D multi-view switching capabilities
- Offers HDTVI, AHD, CVBS output options
- Provides access via an app and includes calibration functionality
- Supports panoramic view algorithm

## Four-way Monitoring System



### AE-VD2501A-A

- 4 channels of 1080P cameras.
- Easy installation and user-friendly operation
- Includes a standard 64 G TF card from Hikvision.
- Supports switching to the rearview camera when in reverse

# PORTABLE PRODUCTS

## ►► Body-Worn Camera

Protect your security officers & streamline incident management

- Compact and rugged design & extra-long recording time (12h/single charge)
- Easy and intuitive operation & flexible mounting options
- Real-time view of enforcement & location visualization
- Efficient & secure data management



## ►► Portable Camera

Instant security – any site, any time

- On-the-move monitoring made easy
- Panoramic and detailed views in a single shot
- Enhanced safety with AI-powered analytics

Suitable for a wide range of scenarios



Vehicle mounted



Emergency monitoring



Temporary monitoring



Industrial security

# PORTABLE PRODUCTS

## Body-Worn Camera



### DS-MCW407 series

#### Big Button 4G Body-Worn Camera

Linux: DS-MCW407(D) Android: DS-MCW407(A)

- Support GPS/Wi-Fi/4G
- Big button for recording
- Up to 2 MP resolution recording
- 2.0 inch touchscreen for basic operation, live view and video playback
- 3220 mAh non-removable main battery, extra long working life of 12 hours of HD recording
- IP68-rated for high protection and can survive a 2-meter drop
- Up to 256 GB TF card for internal storage

## Name Plate Camera



### DS-MCC21(0)6

- Up to 1600\*1200 resolution recording
- Personnel identity displayed
- E-ink screen and easy App configuration
- Privacy protection features such as convenient view block and recording voice only (upcoming)
- Compact and smart design: small and lightweight (50 g) with a neatly designed magnet
- Ideal for work regulation and dispute privation
- 1550 mAh non-removable main battery, extra long working life of 12 hours of 720P recording
- 32 GB/64 GB EMMC for internal storage

## Dual System Dock Station



### DS-MDS005



- Dual system: Linux storage system and Android operating system
- Independent slots: unlocking with face, password, card, fingerprint
- 13.3" touch screen for search, status display, video playback and management
- Type-C/Mini USB port for charging BWC and uploading files
- Automatic collection of body camera data (picture, video, and audio), and clearing of storage space on the camera
- Default 2 TB storage, with up to 8 TB \* 4 disks expandable storage
- Extendable up to 32 slots

## Portable PTZ Camera



### iDS-MCD402

#### 4G Dual-Lens ANPR Portable PTZ Camera

- Dual-lens: 8 MP fixed lens & 4 MP 36x optical zoom, can see human body 500 m away
- Convenient hand design with support for tripod, magnetic mount, and fixed bracket
- 2.4 inch touchscreen with support for live view, PTZ control, zoom in/out, basic configuration
- Dual-MIC for good audio performance
- Smart function include vehicle features recognition, and operation safety detection (helmet, clothes, off-work people counting)



### iDS-MCD202

#### 4G Classic ANPR Portable PTZ Camera

- 2 MP resolution, 30x optical zoom, can see human body 500m away
- Convenient hand design with support for tripod, magnetic mounted, and fixed bracket
- Built-in screen for device's basic status
- Smart functions include vehicle features recognition, and operation safety detection (helmet, clothes, off-work people counting)



### iDS-MCD20M

#### Mini PTZ Camera

- 2 MP recording
- Available in outdoor (IP66) and indoor models
- 12 hours of long working life
- PIR function (Only for outdoor module)
- APP access via hotspot

## Helmet Camera



### DS-MCH208

- Support GPS/Wi-Fi/4G
- Up to 1080p resolution (1920\*1080) recording
- One-button operation to start recording, eliminating the need for constant manual operations
- Adjustable angle for flexible positioning
- 3300 mAh non-removable main battery, extra long working life of 12 hours of HD recording
- Suitable for rental models of businesses
- Two-way talk for work instructions and queries
- Support IR, IP67-rated for high protection and can survive a 2-meter drop



### DS-MCH508(D)

- Up to 1080p resolution (1920\*1080) recording
- Compact design with a size similar to a credit card
- Rotatable lens for various scenarios
- Multiple installation mode: support magic stick and rail adapter accessory
- Bluetooth connection for wireless earphones, enabling intercom with the center
- 2700 mAh detachable main battery, extra long working life of 11 hours of HD recording.
- Support IR, IP67 rating, and can withstand a 2-meter drop

# RADAR

## » Healthcare radar sensors

Timely alerts for quick assistance



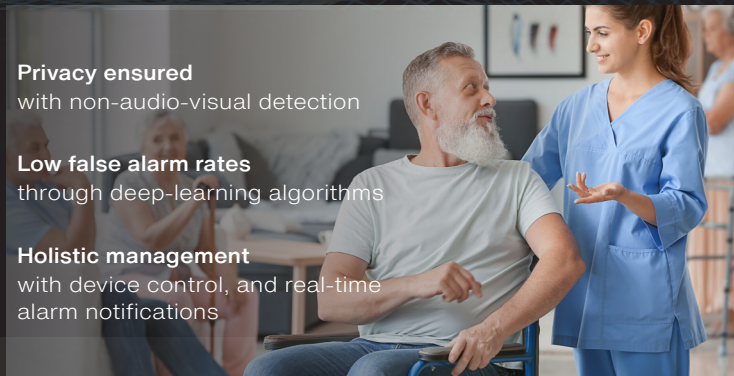
**Privacy ensured**  
with non-audio-visual detection



**Low false alarm rates**  
through deep-learning algorithms



**Holistic management**  
with device control, and real-time  
alarm notifications



## » Security radar

Beyond site, within sweep



**Broad-spectrum**  
long-range multi-target 3D detection



**Integration with PTZ camera**  
for AI target identification and classification



**Resistant**  
to environmental interference



### Auxiliary Care Radar



#### DS-TDSB00-EKH

- Working Frequency: 60 GHz to 63 GHz
- Detection Range: 0.2-2.7 m
- Modulation Waveform: FMCW
- Bed occupancy and movement detection
- Breath and heartbeat rate detection
- High privacy protection: non-audio-visual detection

### Fall Detection Radar



#### DS-TDSB00-EKT

- Working frequency: 60 GHz to 63 GHz
- Detection Range: 20°, 5 m × 4 m
- Modulation Waveform: FMCW
- Personnel trajectory output
- Alarms for falls
- High privacy protection: non-audio-visual detection

### Security Radar



#### DS-TDSB06-FK

- K-band
- Modulation Waveform: FMCW
- Detection Range: human up to 500 m, vehicle up to 1000 m
- Supports 32 targets detection, 16 detection zones, and 4 warning lines
- Up to 4 PTZ cameras linkage with 3 selectable scenario modes
- Built-in 128 G memory card
- NEMA 4X

# NETWORKING

## HI Series

### Versatile connectivity

- 24 optical ports + 10 Gigabit uplink ports for diverse business needs.
- Support stacking for seamless scalability.

### Robust security features

- DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL., and more.

### User-friendly operations

- Manage easily through SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), CLI, FTP, and Console.

### Rich QoS (quality of service) functions

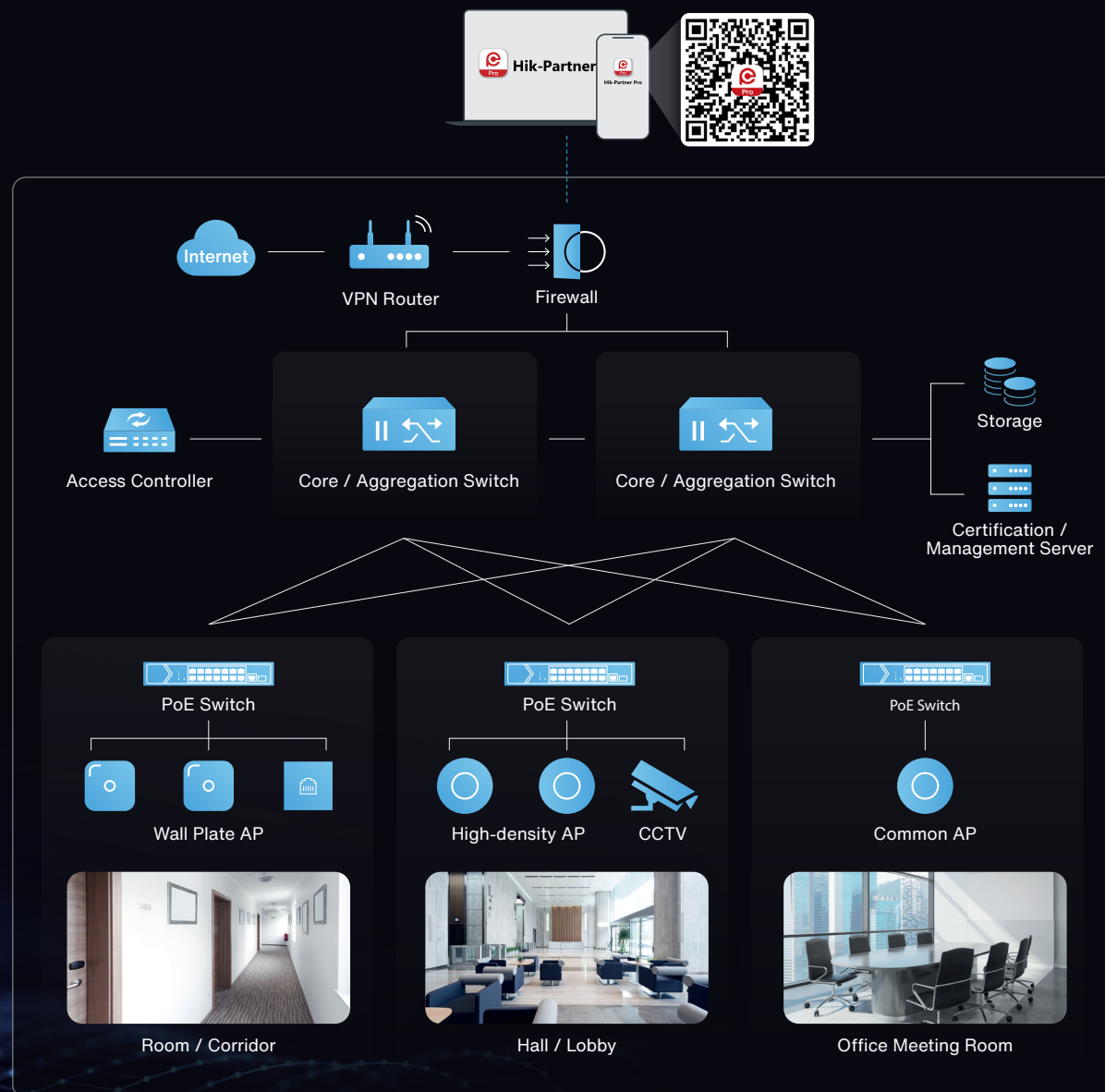
- Supports flow classification based on 802.1P/DSCP, and queue scheduling (SP/WRR/SP+WRR).

### Advanced routing capabilities

- Support extensive IPv4/IPv6 routing protocols like RIP and OSPF.



Enhance your security and networking infrastructure with HI series switches-coupled with the Hikvision Hik-Partner Pro mobile app for unified management.



# NETWORKING – Switches

## HI Switch

### DS-3E2736-HI-24F8T4X

NEW



- 8×Gigabit RJ45 ports, 24×Gigabit fiber optical ports, 4×10G fiber optical ports
- More security functions: DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL
- Rich maintenance methods: SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), FTP, Console
- Rich QoS functions: flow classification based on 802.1P/DSCP, SP/WRR/SP+WRR
- Rich IPv4/IPv6 routing protocols: RIP, OSPF

### DS-3E2754-HI-48T6X

NEW



- 48×Gigabit RJ45 ports, 6×10G fiber optical ports
- More security functions: DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL
- Rich maintenance methods: SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), FTP, Console
- Rich QoS functions: flow classification based on 802.1P/DSCP, SP/WRR/SP+WRR
- Rich IPv4/IPv6 routing protocols: RIP, OSPF

### DS-3E2528-HI-24T4F

NEW



- 24×Gigabit RJ45 ports, 4×Gigabit fiber optical ports
- More security functions: DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL
- Rich maintenance methods: SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), FTP, Console
- Rich QoS functions: flow classification based on 802.1P/DSCP, SP/WRR/SP+WRR
- Rich IPv4/IPv6 routing protocols: RIP, OSPF

### DS-3E2552-HI-48T4F

NEW



- 48×Gigabit RJ45 ports, 4×Gigabit fiber optical ports
- More security functions: DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL
- Rich maintenance methods: SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), FTP, Console
- Rich QoS functions: flow classification based on 802.1P/DSCP, SP/WRR/SP+WRR
- Rich IPv4/IPv6 routing protocols: RIP, OSPF

### DS-3E2728-HI-24T4X

NEW



- 2×Gigabit RJ45 ports, 4×10G fiber optical ports
- More security functions: DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL
- Rich maintenance methods: SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), FTP, Console
- Rich QoS functions: flow classification based on 802.1P/DSCP, SP/WRR/SP+WRR
- Rich IPv4/IPv6 routing protocols: RIP, OSPF

## SI Switch

### DS-3E1510P-SI



- 8×Gigabit PoE ports, and 2×Gigabit fiber optical ports
- IEEE 802.3af/at PoE standard
- Network topology management, alarm push, network health monitoring
- 6 KV surge protection for PoE ports
- AF/AT camera can reach up to 300 m in extend mode
- PoE watchdog automatically detects and restarts non-responsive cameras.
- Various layer 2 management protocols, such as STP/RSTP, VLAN, link aggregation, SNMP, QoS, and more

### DS-3E1518P-SI



- 16×Gigabit PoE ports, and 2×Gigabit fiber optical ports
- IEEE 802.3af/at PoE standard
- Network topology management, alarm push, network health monitoring
- 6 KV surge protection for PoE ports
- AF/AT camera can reach up to 300 m in extend mode
- PoE watchdog automatically detects and restarts non-responsive cameras.
- Various layer 2 management protocols, such as STP/RSTP, VLAN, link aggregation, SNMP, QoS, and more

### DS-3E1526P-SI



- 24×Gigabit PoE ports, and 2×Gigabit fiber optical ports
- IEEE 802.3af/at PoE standard
- Network topology management, alarm push, network health monitoring
- 6 KV surge protection for PoE ports
- AF/AT camera can reach up to 300 m in extend mode
- PoE watchdog automatically detects and restarts non-responsive cameras.
- Various layer 2 management protocols, such as STP/RSTP, VLAN, link aggregation, SNMP, QoS, and more

### DS-3E1552P-SI



- 48×Gigabit PoE Ports, 2×Gigabit RJ45, 2×fiber optical ports
- IEEE 802.3af/at PoE standard
- Total PoE power budget of 470W
- PoE watchdog, STP/RSTP, VLAN, SNMP, QoS
- 104 Gbps switching capacity
- 16K MAC address entries

## Wireless Bridge

### DS-3WF0FA-5AC/O

NEW



- 5 Ghz, 867 Mbps, 1 km, 360°
- Built-in 8dBi 2x2 MIMO antenna
- 802.3af PoE power supply
- Visualized topology management
- Real-time alarm push technology

### DS-3WF02C-5AC/O

NEW



- 5 Ghz, 867 Mbps, 5 km, CPE
- All Gigabit LAN ports
- TDMA supported
- Quick match through DIP switch
- Visualized topology management

### DS-3WF03C-5AC/O

NEW



- 5 Ghz, 867 Mbps, 15 km, CPE
- All Gigabit LAN ports
- TDMA supported
- Quick match through DIP switch
- Visualized topology management

# NETWORKING – Switches

## Enterprise Campus Switch: Core Switch



### DS-3E7806

- High reliability
- Flexible expansion
- Virtualization technology
- Support Multi-VRF function
- Come with an IPv4/IPv6 dual-stack platform
- Support hardware-level encryption technology, MACsec



NEW

### DS-3E7803M

- High reliability
- Flexible expansion
- Virtualization technology
- Support Multi-VRF function
- Come with an IPv4/IPv6 dual-stack platform
- Support hardware-level encryption technology, MACsec
- Provide high-density 10G/40G interface cards



### DS-3E3728-H

- 24×10/100/1000 BASE-T ports (including 8×combo interfaces), 4×10G/1G BASE-X SFP+ ports
- High reliability
- Virtualization technology
- L3 network management function
- Provide 24 or 48 Giga and 4 fixed 10GE ports onboard with one expansion slot
- Come with an IPv4/IPv6 dual-stack platform
- Adopt hot-swappable dual-power supply

## Enterprise Campus Switch: Aggregation Switch



### DS-3E3752-H

- 48×10/100/1000 BASE-T ports, 4×10G/1G BASE-X SFP+ ports
- High reliability
- Virtualization technology
- L3 network management function
- 24 or 48 Giga and 4 fixed 10GE ports onboard with one expansion slot
- Come with an IPv4/IPv6 dual-stack platform
- Adopt hot-swappable dual-power supply



### DS-3E3728F-H

- 24×SFP ports (including 8×combo interfaces), 4×10G/1G BASE-X SFP+ ports
- High reliability
- Virtualization technology
- L3 network management function
- 24 or 48 Giga and 4 fixed 10GE ports onboard with one expansion slot
- Come with an IPv4/IPv6 dual-stack platform
- Adopt hot-swappable dual-power supply

## Enterprise Campus Switch: Access Switch



NEW

### DS-3E2510P-H

- 8×Gigabit PoE ports, 2×Gigabit fiber optical ports
- High reliability
- Virtualization technology
- L2 full network management function
- Gigabit PoE ports
- Support the combination of "Ethernet port+optical port"
- Energy-saving design



### DS-3E2528-H

- 24×10/100/1000 BASE-T ports, 4×1000 BASE-X SFP ports
- High reliability
- Virtualization technology
- L2 full network management function
- Gigabit PoE ports
- Support the combination of "Ethernet port+optical port"
- Energy-saving design



### DS-3E2552-H

- 48×10/100/1000 Base-T ports, 4×1000 BASE-X SFP ports
- High reliability
- Virtualization technology
- L2 full network management function
- Gigabit PoE ports
- Support the combination of "Ethernet port+optical port"
- Energy-saving design



### DS-3E2528P-H

- 24×10/100/1000 BASE-T ports (PoE+), 4×1000 BASE-X SFP ports
- High reliability
- Virtualization technology
- L2 full network management function
- Gigabit PoE ports
- Support the combination of "Ethernet port+optical port"
- Energy-saving design

## Industrial Switch: L3 Industrial



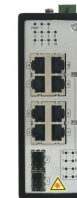
### DS-3T3512P

- 4×1000 BASEX SFP ports and 8×802.3af/at PoE/PoE+ 10/100/1000 BASE-T ports. 1 Management Serial CLI Port
- Support static routing, policy routing, RIP, OSPF and other layer 3 routing protocols
- SNMPv1/v2c/v3 for different levels of network management
- PoE device detection and PoE power management
- Dual redundant power inputs design for DC models
- Fanless, -40 to 75° C wide operating temperature range



### DS-3T0506P

- Full Gigabit ports
- The backplane bandwidth is 20 Gbps
- PoE device detection and PoE power management
- Dual redundant power inputs design
- Fanless, -40 to 75° C wide operating temperature range
- MTBF≥ 400,000 hours



### DS-3T0510P

- Full Gigabit port
- The backplane bandwidth is 20 Gbps
- PoE device detection and PoE power management
- Dual redundant power inputs design
- Fanless, -40 to +75° C operating temperature range
- MTBF≥ 400,000 hours

## Industrial Switch: Unmanaged & Industrial

# 2ND GENERATION PROFESSIONAL ACCESS CONTROL



## Easy web management

Configuration on PC web / mobile web with AP mode on



## Professional access applications

Support Wiegand, OSDP V2.X, advanced access strategies



## Converged & unified solution

Integrate with video security, intercom & alarm systems



## Flexible authentication

Card, fingerprint, PIN code, bluetooth, QR code, and NFC

# 2.0 ACCESS CONTROL



## Management Software



HikCentral  
Access Control



Hik-Connect 6  
Team Mode

# MINMOE FACE RECOGNITION TERMINALS

## Easy to Manage with Extensive Functionality

- Access methods include face, iris, PIN code, card, fingerprint, QR code, with different modules available
- Supports web or GUI configuration
- Remote control via Hik-Connect App

## Superior Recognition in Any Environment

- Amazing recognition speed of 0.2 seconds
- Accuracy rate of over 99%
- Perform equally well under low or even zero-light environments



MinMoe

# ACCESS CONTROL

## MinMoe Face Recognition Terminal



### DS-K1T673(T) Series

- 7-inch LCD touch screen
- 100,000 faces, 500,000 cards, 10,000 fingerprints (with fingerprint module)
- Accurate recognition of single or up to 5 persons
- Flexible combination of modules including Fingerprint, Bluetooth, and QR code
- Up to 8 customizable pictures or headlines for digital advertisement
- IP65



### DS-K1T681 series

- 8-inch LCD touch screen
- Android 11 system
- Max. 100,000 faces, Max. 500,000 cards,
- Max. 10,000 fingerprints (optional)
- Supports Peripheral Module: DS-KAB681-QR, DS-KAB681-F, DS-KAB681-FB, DS-KAB681-QRF
- Accurate recognition of single or up to 5 persons
- IP65



### DS-K1T344 Series

- 4.5-inch touch screen, narrow frame appearance
- 3000 faces, 3000 cards
- POE
- Support alarm in/out
- Web configuration
- HCT management
- Multiple authentication: face/fingerprint/card/PIN code/QR code/bluetooth etc.

## Access Controller



NEW

### DS-K2700X Series

- 1/2/4/8 doors control (Max. 128 doors with 62 access modules) Supports 100,000 users, 10,000 fingerprints, 200,000 cards, 600,000 events
- Supports web configuration: All configurations can be realized via web without software application
- Supports on-premises deployment - HikCentral Professional/HikCentral Access Control
- Supports cloud-based deployment - Hik-Connect
- PoE power supply (optional)
- Supports backup battery



### DS-K2600T Series

- 1/2/4 doors control
- Supports 100,000 cards, 300,000 events
- Advanced access strategies
- Supports backup battery
- RS485/Wiegand interface, ISAPI, OSDP, ISUP, etc.

## Access Control Terminal



### DS-K1T502 Series

- IP65 & IK09
- All-in-one: Manage access control, video intercoms, and video security with one device
- Multiple authentication methods: fingerprint, card, PIN code, QR code, etc.
- Easy to use: connect smart phone to Internet via AP mode directly for configuration/deployment
- Multiple applications: supports Hik-Connect, Mobile web, PC web, HikCentral Access Control

## Reader



### DS-K1109 Series

- DESFire/M1 card
- Bluetooth/QR code/Fingerprint
- Supports RS485 (OSDP) and Wiegand (W26/W34) protocol
- IP65



### DS-K1107 Series

- EM/M1 card
- Supports RS485 (OSDP) and Wiegand (W26/W34) protocol
- IP65

## Issuer



### DS-K1F100-D8E

- Plug-and-play USB with no-driver technology
- Supports various card types (M1 card and EM card)



### DS-K1F600U-D6E-F

- Supports enrolling face picture, fingerprint, 13.56 MHz M1 card, DESfire card, Felica card and 125KHz EM card
- 3.97-inch LCD touch screen, 2 Mega pixel wide-angle lens
- Supports TCP/IP, USB communication

## Lock



### DS-K4H250S

- Single-door magnetic lock, supports static linear thrust of 280 kg
- LED indicator displays door lock status



### DS-K4H450S

- Single-door Magnetic Lock
- Supports static linear thrust of 500kg
- LED indicator displays door lock status

## Button



### DS-K7P03

- Touchless exit button
- Stainless steel panel, Led Indicator
- Dimension (L×W×H): 86×86×25.7 mm (3.39×3.39×1.01")



### DS-K7P04

- Touchless exit button
- Stainless steel panel, Led Indicator
- Dimension (L×W×H): 90×35×37.7 mm (3.54×1.38×1.48")

## Card



### IC S50

- M1 Contactless Smart card
- Frequency: 13.56MHz.



### DS-K7M106-D0E

- DESFire EV2 card
- Desfire contactless smart card, frequency: 13.56 MHz

# SPEED GATES AND TURNSTILES



## Modern Appearance

Adapts to high-end scenarios



## High Throughput

30-60 persons per minute



## Multiple Authentication Methods

Face, fingerprint, card, QR code



## Third-Party Integration & Great Extensibility

3rd-party AC system, MinMoe face recognition terminals, etc.



### Speed Gate and Turnstiles



#### DS-K3B801BX Series

- Servo motor, MCBF  $\geq 10$  millions
- Infrared sensor: 24 pairs
- SUS304 stainless steel 2.0 mm
- 1500 mm(L)  $\times$  160 mm(W)  $\times$  1010 mm(H)
- Throughput: 30 - 60 persons per minute
- Door wing light, PC web
- Indoor
- ISAPI



#### DS-K3B530(L)X Series

- Servo motor, MCBF  $\geq 12$  millions
- Infrared sensor: 14 pairs
- SUS304 stainless steel 1.5 mm
- 1500 mm(L)  $\times$  130 mm(W)  $\times$  1000 mm(H)
- Throughput: 30 - 60 persons per minute
- Door wing light, PC & mobile web, PVD coatings
- IPX4
- ISAPI



#### DS-K3BC430LX series

- Brushless motor
- MCBF  $> 6$  million times
- Throughput: 30 to 60 p/m
- Support configuration via Web browser
- Acrylic glass or Tempered glass
- Lane width:
- For pairs mode:
  - 550-1400mm (Gap 50mm, Door wing height 950mm)
  - 900mm (Gap 50mm, Door wing height 1800mm)
- For single mode:
  - 650-900mm (Gap 50mm, Door wing height 950mm)



#### DS-K3G501X series

- MCBF:  $> 3$  million times of opening /closing
- Throughput:  $> 35$  persons per minute
- IPX4
- anti-tailgating
- LED indicators design
- SUS304 stainless steel 1.5mm
- 1208 mm  $\times$  232 mm  $\times$  960 mm



#### DS-K3G411X series

- MCBF:  $> 3$  million times of opening /closing
- Throughput:  $> 35$  persons per minute
- anti-tailgating
- LED indicators design
- SUS304 stainless steel 1.2mm
- 502 mm  $\times$  202 mm  $\times$  1010 mm

# Hikvision IP Video Intercom

## A SIMPLE TOUCH

— STEP UP TO A NEW LEVEL OF CONVENIENCE



### Great Image Quality

See clearly despite darkness with a wide viewing angle



### Intelligent Authentications

Cards, PIN codes, biometric recognition



### Mobile Control

Remotely open doors and talk to visitors via Hik-Connect App



### Friendly Touchscreen

Intuitive operation with better experience



### All-in-one Management

Unified control center for homes and businesses

# Video Intercom

## Apartment Outdoor Station

### DS-KD9203-MFE6



- 2 MP HD camera with high quality image, 120 ° wide angle of view
- Plastic material
- Up to 5000 faces, 5000 fingerprints and 50000 cards can be added
- Unlocks by fingerprints, cards and faces
- Supports anti-spoofing
- Supports configuration via Web remotely

### DS-KD9403-E6



- 8-inch IPS touch screen with 1280 x 800 resolution
- Android 7.1
- 2x2 Mega pixel wide-angle lens
- Built-in M1 card reading module
- Max.10000 faces capacity, max.20000 users
- Supports TCP/IP, DC 12V, 4-ch alarm input
- IP65
- 1 relays for door lock control, 1 RS-485 for DS-K2M060 to control the second door lock.
- Gang box without extension module is included

### DS-KD9633-WBE6



- 10.1-inch IPS touch screen with 1280 x 800 resolution
- Android 7.1
- 2x2 Mega pixel wide-angle lens
- Built-in M1 card reading module, Wifi & Bluetooth reserved
- Max.10000 faces capacity, Max.20000 users
- Supports TCP/IP, DC 12V, 4-ch alarm input
- IP65, IK07
- 1 relays for door lock control, 1 RS-485 for DS-K2M060 to control the second door lock.
- Gang box without extension module is included

## Modular Door Station

### DS-KD8003-IME1



- Modular door station Main unit, needs mounting bracket
- CMOS 2MP HD colorful camera, Fish eye, IR supplement
- 1 call button, 1-ch indoor station access, 2 relays for door lock control, 4-ch alarm input
- 10M/100M Self-adaptive Ethernet
- Module connection with RS-485
- IP65, 12 VDC or standard POE

### DS-KD-KP



- Keypad module, needs mounting bracket
- Backlight, flush mounting, surface mounting
- 98.21 mm x 100.21 mm x 33.7 mm
- Input pin code to open door, call indoor station via inputting room number
- Powered by other module (Power input: 12VDC, Power output: 12V(DC))
- Module connection with RS-485
- IP65

### DS-KD-DIS



- Display module, needs mounting bracket
- Flush mounting, surface mounting
- Backlight compensation behind the module
- 98.21 mm x 100.21 mm x 33.7 mm
- 3.5-inch LCD screen, 320 x 480
- 4 buttons, dial number display, pin code unlock, contact list display
- Powered by other module (power input: 12VDC, power output: 12VDC)
- Module connection with RS-485
- IP65

## Android Indoor Station



### DS-KH9310-WTE1(B)

- 7-inch 2.5D TFT colorful touch screen with 1024 x 600 resolution
- Android 10
- 10/100Mbps Ethernet, Wi-Fi 802.11b/g/n
- Standard PoE/ 12 VDC
- TF card, max 128G
- 8-ch alarm input, 2x alarm output, 1x485
- Built-in Hik-Connect for all-in-one management
- Supports Android app installation
- Open platform for the third-party software integration



### DS-KH9510-WTE1(B)

- 10.1-inch 2.5D IPS colorful touch screen with 1024 x 600 resolution
- Android 10
- 10/100Mbps Ethernet, Wi-Fi 802.11b/g/n
- Standard PoE/ 12 VDC
- TF card, max 128G
- 8-ch alarm input, 2x alarm output, 1x485
- Built-in Hik-Connect for all-in-one management
- Supports Android app installation
- Open platform for the third-party software integration

## Pro-Series Indoor Station



### DS-KH8520-WTE1

- 10-inch colorful TFT LCD with 1024 x 600 resolution
- 10/100Mbps Ethernet, Wi-Fi 802.11b/g/n
- Standard PoE/ 12 VDC
- TF card, max 128G
- 8-ch alarm input, 2x alarm output, 1x485



### DS-KH6320-WTE1

- 7-inch colorful TFT LCD with 1024 x 600 resolution
- 10/100Mbps Ethernet, Wi-Fi 802.11b/g/n
- Standard PoE/ 12 VDC
- TF card, max 128G
- 8-ch alarm input, 2x alarm output, 1x485



### DS-KH8350-WTE1

- 7-inch colorful IPS LCD with 1024 x 600 resolution
- 10/100Mbps Ethernet, Wi-Fi 802.11b/g/n
- Standard PoE/ 12 VDC
- TF card, max 128G
- 8-ch alarm input, 2x alarm output, 1x485



### DS-KH6350-WTE1

- 7-inch colorful TFT LCD with 1024 x 600 resolution
- 10/100Mbps Ethernet, Wi-Fi 802.11b/g/n
- Standard PoE/ 12 VDC
- TF card, max 128G
- 8-ch alarm input, 2x alarm output, 1x485

## Main Station



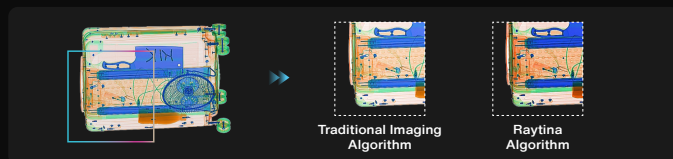
### DS-KM9503

- 10-inch colorful IPS LCD touch screen with 1280 x 800 resolution
- CMOS 2 MP
- 2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
- 1 HDMI, 1 RS-485 half-duplex port, 3 USB interface
- 2 relay output
- 2 alarm input
- 4 audio inputs & 4 audio outputs
- 12 VDC & standard PoE
- Power adapter (European standard)
- Goose neck microphone and external voice box are included in the package

# INTELLIGENT SECURITY INSPECTION

## Sharper Imaging with Raytina

The Raytina Algorithm Engine improves conventional X-ray imaging by enhancing signal-to-noise ratio (SNR), delivering high-definition X-ray images.



## Higher Detection Efficiency

Hikvision integrates AI technology with X-ray imaging for rapid and precise detection, greatly enhancing inspection efficiency.



## Advanced Millimeter Wave Imaging

Hikvision's Millimeter Wave Detector effectively identifies prohibited items, whether metallic or non-metallic, without the risks linked to ionizing radiation. Its AI-powered algorithm and software feature adjustable and customized detection settings, ensuring impressively precise and clear imaging.



# INTELLIGENT SECURITY INSPECTION

## X-Ray Security Inspection System



### ISD-SC5030SA-CL

- Tunnel size: 500 x 300 mm
- X-ray generator: 80kV, 0.6mA
- Single energy
- AI detection algorithm
- Integrated camera



### ISD-SC5030S-H2CVL

- Tunnel size: 500 x 300 mm
- X-ray generator: 140kV
- Dual energy
- AI detection algorithm
- Integrated cameras



### ISD-SC6040S-H4CVL

- Tunnel size: 620 x 420 mm
- X-ray generator: 160kV
- Dual energy
- AI detection algorithm
- Integrated cameras



### ISD-SC6040D-H4CVL

- Tunnel size: 620 x 420 mm
- X-ray generator: 160kV
- Dual view
- AI detection algorithm
- Integrated cameras



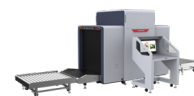
### ISD-SC6550S-H4CVL

- Tunnel size: 650 x 500 mm
- X-ray generator: 160kV
- Dual energy
- AI detection algorithm
- Integrated cameras



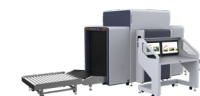
### ISD-SC6550D-H4CVL

- Tunnel size: 650 x 500 mm
- X-ray generator: 160kV
- Dual view
- AI detection algorithm
- Integrated cameras



### ISD-SC100100S-H4CVL

- Tunnel size: 1000 x 1000 mm
- X-ray generator: 160kV
- Dual energy
- AI detection algorithm
- Integrated cameras



### ISD-SC100100D-H4CVL

- Tunnel size: 1000 x 1000 mm
- X-ray generator: 160kV
- Dual view
- AI detection algorithm
- Integrated cameras

## Walk-Through Metal Detectors



### ISD-SMG318L

- 18 detection zones
- Network function
- 7-inch color LCD screen
- 999 level of sensitivity adjustment
- Bi-direction people counting



### ISD-SMG312L

- 12 detection zones
- Network function
- 7-inch color LCD screen
- 999 level of sensitivity adjustment
- Bi-direction people counting



### ISD-SMG533L

- 33 detection zones
- Network function
- 7-inch color LCD screen
- 999 level of sensitivity adjustment
- Bi-direction people counting

## Millimeter Wave Body Scanner



### ISD-SMW1701S-C

- Advanced millimeter wave imaging technology
- 2 mm detection resolution
- Full scan time  $\leq 4$  s
- AI detection algorithm
- Detects both metal and non-metal target items

# AUDIO AND SENSING

## ► Acoustic Imager

Hikvision's Acoustic Imager combines microphone arrays and camera components to convert sounds into dynamic visual maps, facilitating rapid identification of problem areas.

### Leak and discharge detection

Accurately localize air or gas leaks or discharges, with an error margin not exceeding 1°.

### Continuous monitoring and remote maintenance

Enable remote 24/7 monitoring, operation, and maintenance of devices with mobile cloud image alerts.

### Broad frequency coverage

Cover broad frequency range (5 kHz to 72 kHz) including inaudible sound frequencies, while eliminating background noise.

### Seamless system integration

Easily managed through HikCentral platforms for comprehensive control.

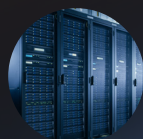
### Application Scenarios



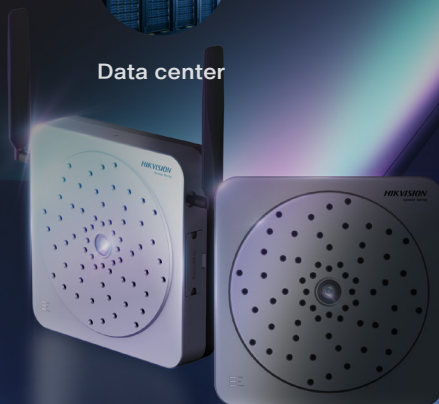
Electric power industry



Petrochemical industry



Data center



## ► Fiber-Optic Vibration Sensing System

Hikvision's optical fiber products use light waves and optical fibers to detect and respond to environmental changes precisely.

### Ultra-long distance & Meter-level localization

± 5 m positioning accuracy within a range of tens of kilometers.

### Safe 24/7 monitoring

Safe from fire and explosions, insulated from electricity, adaptable in tough conditions, immune to electromagnetic interference, and 24/7 monitoring.

### High accuracy

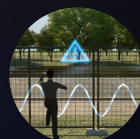
Reduce false alarms and improve maintenance efficiency with DAS (Distributed Acoustic Sensing) algorithm and deep learning.

### Linkage with video security system

Dual protection by adding to any security system in perimeter protection scenarios.

### Application Scenarios

Substation valve rooms, airports, industrial parks, energy stations, railway lines, long-distance pipelines, electrical utilities, high-speed guardrails, etc.



Anti-intrusion



Anti-breakage



# AUDIO AND SENSING

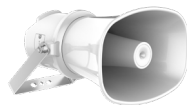
## Acoustic Imager



### DS-QAAI264G1-P

- High-accuracy localization of faults within 1 °
- Ultra-wide frequency from 5 KHz to 72 KHz
- Free selection of the localization frequency range
- 24/7 real-time monitoring
- 50-meter detection distance for outdoors

## Network Speakers



### DS-QAZ1325G1T-E

- Rated Power: 25 W
- Max. Acoustic Pressure: 124 dBSPL
- Frequency Response: 100 Hz to 20 kHz
- Support live/scheduled/alarm/emergency broadcasts
- Support two-way audio



### DS-QAZ1310G1T-EY

- Max. Acoustic Pressure 121 dBSPL
- Frequency Response 100 Hz to 20 kHz
- Support live/scheduled/alarm/emergency broadcast
- Support two-way audio
- Anti-Corrosion Protection: NEMA 4X

## Fiber-Optic Vibration Sensing System



### DS-QFV0502

- Dual channel detection, with each channel covering up to 5 km
- Metre-level localization with an accuracy of  $\pm 5$  m
- High accuracy with deep learning algorithm
- 24/7 safe and adaptive monitoring
- Interact with the CCTV system for perimeter protection



### DS-QFV1002

- Dual channel detection, with each channel covering up to 10 km
- Metre-level localization with an accuracy of  $\pm 5$  m
- High accuracy with deep learning algorithm
- 24/7 safe and adaptive monitoring
- Interact with the CCTV system for perimeter protection



### DS-QFV5002

- Dual channel detection, with each channel covering up to 50 km
- Metre-level localization with an accuracy of  $\pm 5$  m
- High accuracy with deep learning algorithm
- 24/7 safe and adaptive monitoring
- Interact with the CCTV system for perimeter protection

# HIKCENTRAL PROFESSIONAL

Versatile security in one platform

## What is HikCentral Professional

HikCentral Professional – **Hikvision's security management software** – helps professionals tackle various security obstacles on a single platform.

It allows easy management of video security, access control, alarm detection, attendance, and more. Optimize your day-to-day security operations with this software in various scenarios.



## Why choose HikCentral Professional

Trusted by customers in  
**200+**  
countries & regions

Connect to over  
**6,000,000**  
security devices



### Easy and Simple

- Light but powerful software simplifies installation & maintenance
- Friendly wizards and visualized design



### Flexible Scenario Adjustment

- Applications for diverse business needs
- Flexible deployment for various applications



### All-in-one Management

Manage multiple systems in one platform with ease in a connected and interactive way

OpenAPI

### Openness

The open architecture design and a series of adaptive OpenAPI interfaces permit easy integration with third-party systems and hardware

## How to benefit from HikCentral Professional

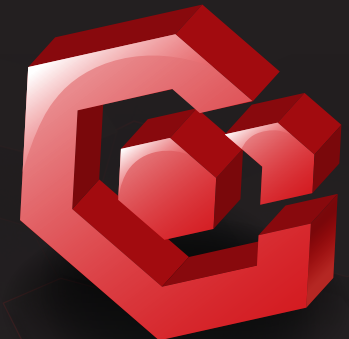
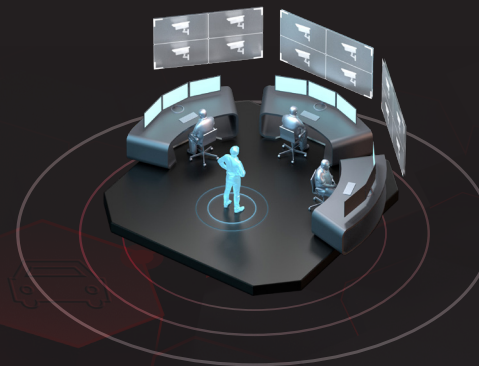
### Powerful & Intelligent Video and Access Control as Core

#### Intelligent Video

- A truly unified video management system
- Fluent View
- Reliable Storage
- Quick Search

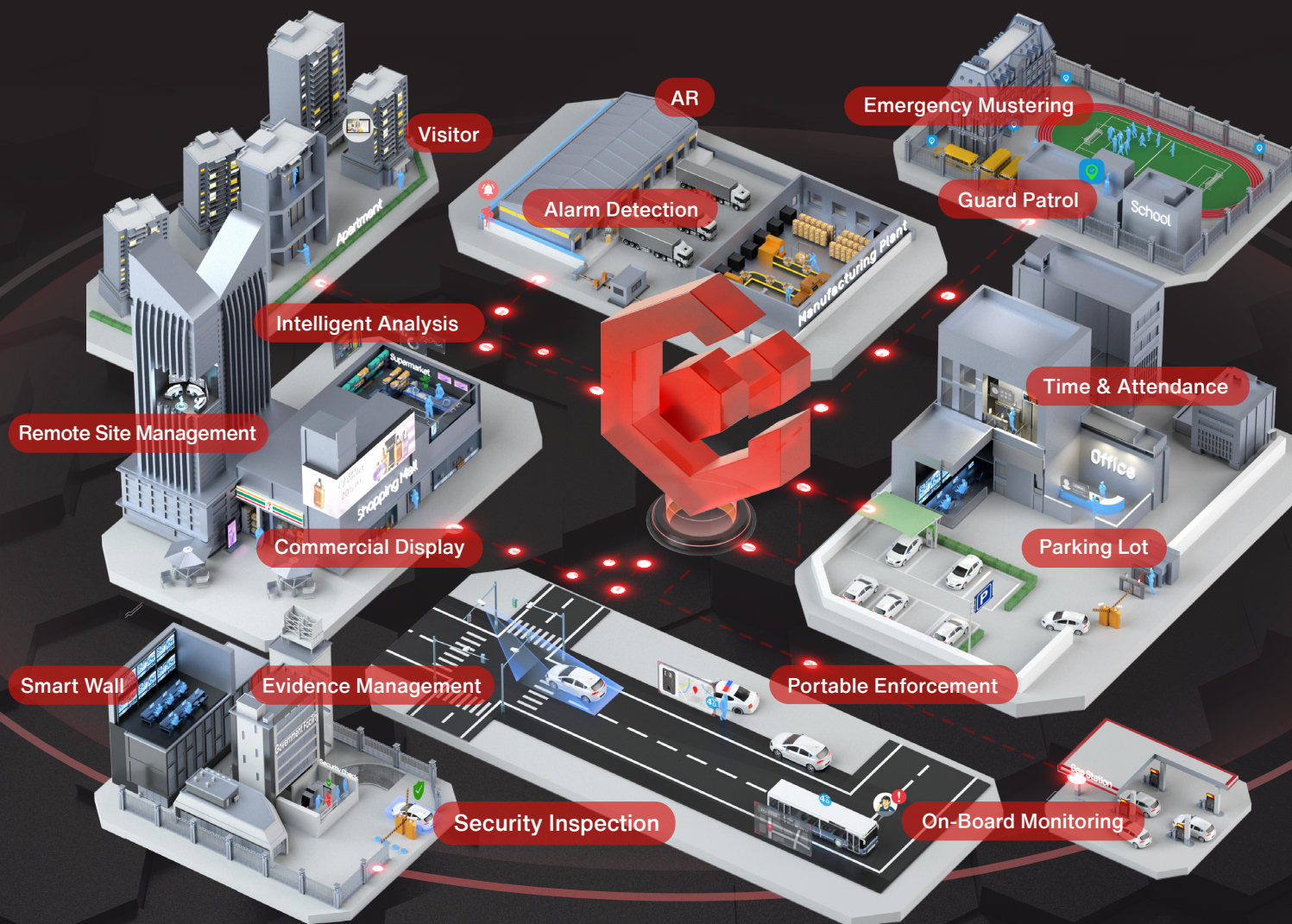
#### Access Control

- To better manage residents & personnel and protect properties
- Multi-credential Access
- Permission Control
- Real-Time Issue Handling



## Rich Add-on Products Unlocking Various Industrial Applications

More applications are coming soon!



# HIKCENTRAL VMS SERVERS

## HikCentral-Workstation



### HikCentral-Workstation/HW5L/32Ch

- HW5LCPU: i5-12500
- Memory: 8GBx2
- Hard Disk: 1TB SSD
- Operating System: Win 10 IoT
- Hardware Decoding: Up to 32ch 1080p
- HCP License: 32 CH Video Management / 4 CH Access Points
- Supports direct expansion of licenses
- 3-year global platinum service



### HikCentral-Workstation/HW7L/32Ch

- HW7LCPU: i7-12700
- Memory: 8GBx2
- Hard Disk: 1TB SSD
- Operating System: Win 10 IoT
- Hardware Decoding: Up to 32ch 1080p
- HCP License: 32 CH Video Management / 4 CH Access Points
- Supports direct expansion of licenses
- 3-year global platinum service

## HikCentral Professional Server



### HikCentral-P-VSS-Base/HW/64Ch

- CPU: E-2324G
- Memory: 16GB
- Hard Disk: 1T 7.2K SATA×2(RAID\_1)
- Storage Controller: H355
- Operating System: Winserver 2019
- HCP License: 64 CH Video Management
- Supports direct expansion of licenses
- 3-year global platinum service



### HikCentral-P-VSS-Base/HW/300Ch

- CPU: E-2324G
- Memory: 16GB
- Hard Disk: 1T 7.2K SATA×2(RAID\_1)
- Storage Controller: H355
- Operating System: Winserver 2019
- HCP License: 300 CH Video Management
- Supports direct expansion of licenses
- 3-year global platinum service

## Products and License Reference

HikCentral VMS Servers	HikCentral-Workstation/ HW5L/32Ch		HikCentral-Workstation/ HW7L/32Ch		HikCentral-P-VSS-Base/ HW/64Ch		HikCentral-P-VSS-Base/ HW/300Ch	
Features	Pre-activation	Maximum capacity expansion	Pre-activation	Maximum capacity expansion	Pre-activation	Maximum capacity expansion	Pre-activation	Maximum capacity expansion
Video Management	32	128 <sup>[1]</sup>	32	256 <sup>[2]</sup>	64	3000 <sup>[3]</sup>	300	3000 <sup>[3]</sup>
Access Control	4	16 <sup>[0]</sup>	4	32 <sup>[0]</sup>	—	1024 <sup>[0]</sup>	—	1024 <sup>[0]</sup>
ANPR Cameras	—	16 <sup>[1]</sup>	—	32 <sup>[2]</sup>	—	1024 <sup>[3]</sup>	—	1024 <sup>[3]</sup>
Facial & Body Recognition	—	16 <sup>[1]</sup>	—	32 <sup>[2]</sup>	—	3000 <sup>[3]</sup>	—	3000 <sup>[3]</sup>
Lanes of Entrance & Exit	—	16	—	32	—	40	—	40
Indoor Station	—	16	—	32	—	5000	—	5000
Alarm Panel	—	16	—	32	—	1024	—	1024
Attendance	—	✓	—	✓	—	✓	—	✓
Smart Wall	—	—	—	✓	—	✓	—	✓

• [0] The total number of channels for doors and outdoor stations.

• [1] The total number of channels for video management, ANPR cameras, and cameras with facial & body recognition is 128.

• [2] The total number of channels for video management, ANPR cameras, and cameras with facial & body recognition is 256.

• [3] The total number of channels for video management, ANPR cameras, and cameras with facial & body recognition is 3000.

# HIK-CONNECT for Teams

Scalable security anytime and anywhere

Hik-Connect is a unified security cloud solution designed for both residential and business use. Hik-Connect for Teams is specifically tailored for SMBs and enterprise users. It is an all-in-one solution that integrates video, access control, attendance, intercom, alarm, onboard monitoring and more. It's ideal for applications like retail chains, offices, communities, and alarm receiving centers (ARCs).

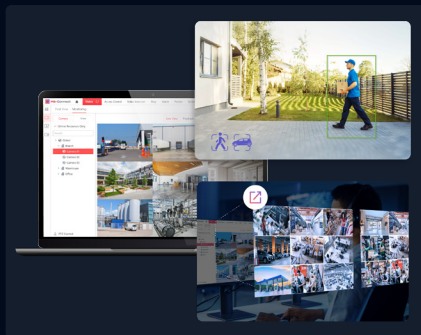


**NO NEED**  
for servers

 **Hik-Connect 6**

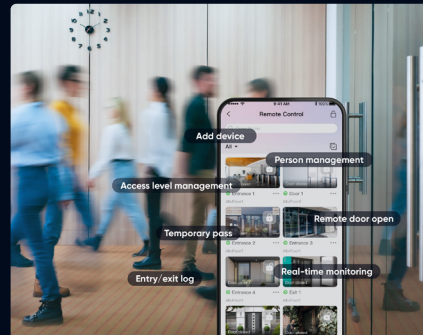
*for Teams*

## Video Management



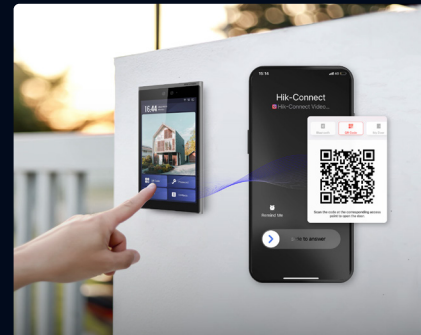
- Organize **multiple locations** in groups
- Efficient video search & playback
- Allow for multiple screens

## Access Control & Attendance



- Complete access control management at your fingertips
- **Unlimited** doors & personnel capacity
- GPS-based mobile attendance for clocking

## Intercom Communication



- No time-consuming wiring required
- Two-way audio via direct door-to-app calling
- Mobile-based temporary pass assignment

## Onboard Monitoring



- Manage **driver-related events** with detailed reports
- Monitor vehicles timely & get instant alarms
- Improve fleet management with exportable, multi-aspect report

## Application Scenarios



Chain Stores



Communities



Offices



Construction Sites



Alarm Receiving  
Centers

# AIOT PRODUCTS & SOLUTIONS

Based on leading technologies, we develop complete hardware and software products, and roll out integrated security solutions and intelligent solutions for different vertical industries.

## Network Cameras



ColorVu



Multi-Lens Camera



PT Camera (4G/WiFi/PoE)



Hybrid Light Camera



DeepinView Camera



Solar-Powered Camera



Panoramic Camera



Explosion-Proof camera



Anti-Corrosion camera



PTZ (TandemVu)

## Turbo HD Cameras



ColorVu



Hybrid Light Camera

## Thermal Products



Security Thermal Camera



Thermography Thermal Camera

## Audio & Sensing



Speaker



Acoustic Imager



## Fiber-Optic Sensing

## Radar



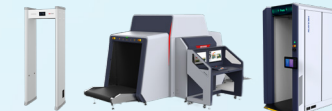
Security Radar



Healthcare Radar

## Inspection

Security Inspection Products



## LAN

## Storage & Computing



DVR



Wi-Fi NVR & Kit



NVR



DeepinMind Intelligence



Storage



Server

## Networking



Switch



Router



AP/AC



Bridge

## Intercom



IP Intercom



2-Wire Intercom



4-Wire Intercom

## Access Control



MinMoe



Controller

## Alarm



Ax Pro



Hybrid Pro

## Entrance & Exit

*For People:*



Speed Gates and Turnstiles

*For Vehicles:*



ANPR Cameras



Barrier Gates

## LED



## LCD



## IFPD



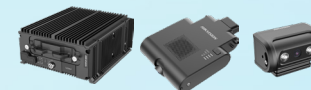
## Digital Signage



## ITS



## Onboard Security



## Portable



Body-Worn Camera



Portable camera

LAN

## Centralized Management

*Cloud-based Software*



Hik-Connect



Hik-Partner Pro

*On-Premise Software*



HikCentral Professional

## Video Wall



Video Wall Controller

LED Controllers



Decoder



LED

# PERIMETER PROTECTION SOLUTION

First Line Security,  
Fast and Accurate

## Pain Points



High false alarm rates due to object identification difficulties



Environmental interferences cause false or missed alarms



Normal security measures cannot cover long perimeters



No alerts to deter intruders during events

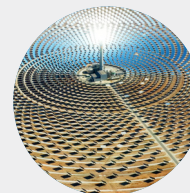
## Solution Introduction

Perimeter protection serves as the first line of security against unauthorized intrusions.

Hikvision's customized Perimeter Protection Solutions ensure suitability for different scenarios. Users can choose the perfect match for their specific perimeter needs.



Video Solution



Thermal Imaging Solution



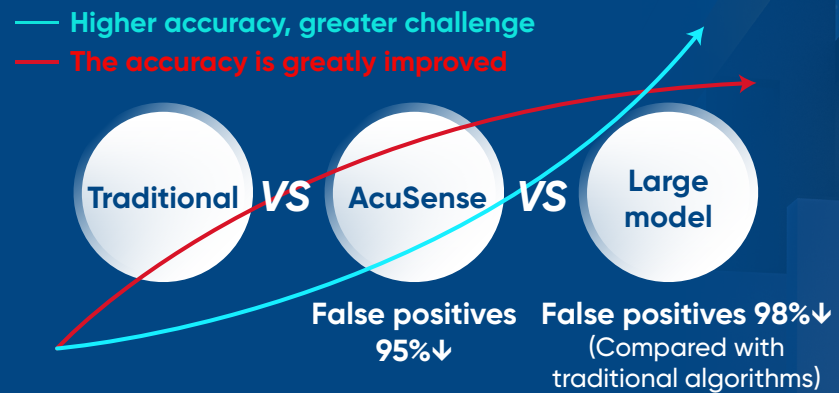
Radar Solution



Fiber-Optic Vibration Sensing Solution

# Video Solution

Hikvision's Perimeter Protection Solution uses deep learning technology to accurately detect person and vehicle intruders 24/7. It features on-site light and sound to deter intruders, and AI-powered post-investigation with filters to identify targets of interest swiftly.



## High accuracy

- 80% fewer false alarms than AcuSense with large model algorithm
- Highly adaptable to different scenarios
- Single deployment offers high-precision alerts instantly



## Powerful evidencing

- 24/7 colorful HD imaging
- Quick person/vehicle target search



## Real-Time response

- Deter intruders during events
- Provide visual and audible warnings
- Highly efficient in handling real alarms



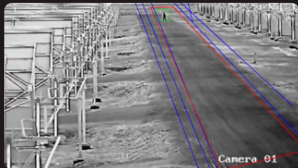
# Thermal Imaging Solution

Hikvision thermal imaging offers a comprehensive view of the surroundings, even in poor lighting or weather conditions. Thermal cameras can detect far-away objects, making them ideal for outdoor settings like perimeter protection. With advanced deep learning capabilities, they can accurately identify people and vehicles.



## ***Superior environmental adaptability***

Use heat radiation to see in the dark, foggy, or snowy conditions.



## ***Extended distance***

Cover greater distances based on self-developed movement technology.

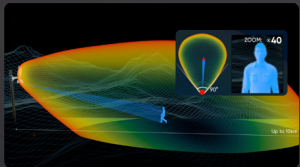


## ***Ultra high accuracy***

The distillation model enhances Video Content Analysis (VCA) by training a large model to drive a smaller one in accurate person/vehicle classification, reducing false alarms from light changes and animals.

# Radar Solution

Hikvision's security radar provides reliable monitoring 24/7 in any weather, covers vast areas spanning kilometers, and integrates seamlessly with PTZ cameras. With advanced AI analysis and target classification, it can detect intruders with even greater precision.



## ***Broad-spectrum, long-range multi-target 3D detection***

- Detect and track up to 32 targets like persons, vehicles, and ships over wide areas.
- Provide detailed 3D information (speed, distance, angle) on each target.



## ***PTZ camera integration for AI-enhanced identification and classification***

- Enable precise tracking and identification of targets with zoom and feature capture.
- Use deep-learning for accurate object classification, reducing false alarms.



## ***Environmental adaptability***

- Resistant to environmental interference such as lighting conditions, rain, snow, fog, dust, etc.
- Meet IK10, IP67, and NEMA 4X standards for durability and resilience.

# Fiber-Optic Vibration Sensing Solution

Hikvision's fiber-optic vibration sensing solution uses DAS (Distributed Acoustic Sensing) technology to detect sound waves. With AI, it distinguishes real threats from false alarms and provides early security warnings. It can also link with video cameras for a visual review.



## ***Ultra-long distance & meter-level localization***

±5 m positioning accuracy within a range of tens of kilometers.



## ***High accuracy***

Intelligent intrusion detection and false alarm reduction with DAS algorithm and deep learning.



## ***Safe 24/7 monitoring***

Safe from fire and explosions, insulated from electricity, adaptable in tough conditions, immune to electromagnetic interference, and 24/7 monitoring.



## ***Linkage with video security system***















Dual protection by adding to any security system in perimeter protection scenarios.

# How to Choose the Right Perimeter Solution?

Recommend using PTZ or thermal PTZ for enhanced multi-dimensional sensing

	Video Solution	Thermal Imaging Solution	Radar Solution	Fiber-Optic Vibration Sensing Solution
Core value	<ul style="list-style-type: none"> <li>Low cost</li> <li>Easy setup</li> <li>Visualization</li> </ul>	<ul style="list-style-type: none"> <li>Easy setup</li> <li>High environmental adaptability</li> </ul>	<ul style="list-style-type: none"> <li>Long range, full coverage, wide angle</li> <li>Detect both perimeter and internal scenes</li> </ul>	<ul style="list-style-type: none"> <li>Detect up to 100 km per server</li> <li>Work off-grid, resistant to electromagnetic interference</li> <li>Flexible installation, including underground</li> </ul>
Range/area	Short/medium/long range, up to 2 km per camera, wide coverage	Short/medium/long range, up to 10 km per camera, wide coverage for short range, narrow coverage for long range	Short/medium/long range, up to 500m full-range coverage per device, up to 120° wide coverage	Long/ultra-long range, up to 100 km per server, narrow coverage due to touch alarm
Environmental adaptability	<b>Medium</b> Subject to weather interference	<b>High</b> Not affected by weather and electromagnetic interference	<b>High</b> Not affected by weather	<b>High</b> Not affected by weather and electromagnetic interference
Installation	<b>Easy</b>	<b>Easy</b>	<b>Easy</b>	<b>Scenario-dependent</b>
Cost	<b>Low</b>	<b>Medium</b>	<b>Medium</b>	<b>High</b>
Object information	Detection, identification, comparison	Detection and identification (persons, vehicles, and ships)	Detection, tracking, speed, distance, direction, identification with video (persons, vehicles, and ships)	Detection and positioning Identification with video
Recommended application	General perimeter, such as villas, residential areas, office parks, parking lots, etc	Ideal for high-security sites: high-end residential buildings, large parks, solar plants, and key industrial facilities.	Ideal for high-security sites: large parks, solar plants, mariculture, mines and other large open areas	<ul style="list-style-type: none"> <li>Critical/restricted zone</li> <li>Fenced perimeter covering vast distance</li> <li>Off-grid area without power or internet access (use alone)</li> </ul>

# Recommended Application

Recommend using PTZ or thermal PTZ				
	Video Solution	Thermal Imaging Solution	Radar Solution	Fiber-Optic Vibration Sensing Solution
<b>General Perimeter</b>  Villas  Residential Areas  Office Parks  Parking Lots	✓	✓	✓	
<b>High-Security Locations</b>  Solar Farms  Critical Infrastructure  Factories  Airports   Energy  Mariculture  Ports	✓	✓	✓	✓
<b>Restricted Areas with Physical Fencing or Buried Facilities</b>  Pipelines  Highway  Railway Lines				✓

# Recommended Products

## Video Solution



### DeepinView Series with Large Model

iDS-2CD7A46G2/V-IZHS(Y)  
iDS-2CD7A86G2/V-IZHS(Y)

- Industry-leading video performance
- Large model
- DarkFighter



### DeepinMind AI Box with Large Model

iDS-6704NXI-S/T

- 4-ch 4 MP perimeter protection with large model
- Pre-installed 1TB SSD for video and picture storage
- Alarm in/out: 4/4
- Support analog audio output
- -30° C ~ 65° C



### DeepinMind M Series NVR with Large Model

iDS-9632NXI-M8/X

- 32-ch large model perimeter protection with AcuSense IP camera
- Incoming/outgoing bandwidth: 320 Mbps / 400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity



### TandemVu PTZ

DS-2SF8C442MXG-ELW/26(F0)

- Big pictures and details in one view
- Smart-linkage
- Deep learning intelligence
- Live guard



### Ultra Series with DarkFighterS

DS-2CD3646G2HT-LIZSY  
DS-2CD3T46G2H-LISU/SL

- Professional video security performance
- AcuSense technology
- DarkFighterS

## Thermal Imaging Solution



### TandemVu Thermal PTZ

HM-TX3840-25/G0/T1

- Up to 250 m person VCA distance
- PT help track and double-check objects to reduce false alarms
- Strobe light and audible warning



### Panoramic Scanner

HM-TD71C8-75/W

- 360° panorama view
- Up to 1.5 km person VCA distance
- Link PT for double-check



### Bi-spectrum Thermal Sphere PTZ

DS-2TD95C8-300ZK2FL/W

- Up to 2 km person VCA distance
- 1280\*1024 high resolution
- Fast and accurate smart tracking

## Radar Solution

Recommend using PTZ or thermal PTZ



### DS-TDSB0G-FK

- Detection range: Person: up to 500 m, vehicle: up to 1 km
- K-band, FMCW
- Detection angle: Horizontal 120°, vertical 30°

## Fiber-Optic Vibration Sensing Solution

- Using with large model DeepinMind NVR for reviews
- Recommend using with PTZ or thermal PTZ



### Fiber-Optic Vibration Sensing System

DS-QFV5002

- Dual channel detection, each channel up to 50 km
- Metre-level localization of  $\pm 5$  m
- High accuracy with deep learning algorithm

## Combined Products



### Network Horn Speaker Audio Linkage Alarm

DS-QAZ1307G1T-E  
DS-QAZ1325G1T

- Max. Acoustic Pressure: 121-124 dB SPL
- Support live/scheduled/alarm/emergency broadcast
- Support 2-way audio
- TTS (Text-To-Speech)
- IP67 protection



### HikCentral Professional

- Elaborately simple
- Flexible scenario adjustment
- Connected and interactive applications

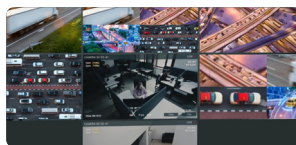
# LED VIDEO WALL MONITORING SOLUTION

Professional display solution for security management

## Pain Points



Low display quality



Insufficient control functions



Unfriendly user experience

## Solution Introduction

Hikvision video wall monitoring solution features centralized CCTV management that merges video streams onto a seamless LED display, offering both ease of use and powerful functionality.



### Seamless splicing and display

- Seamless splicing enables a boundless view
- Inner-curved screens are tailored for spacious rooms



### Easy operation for better experience

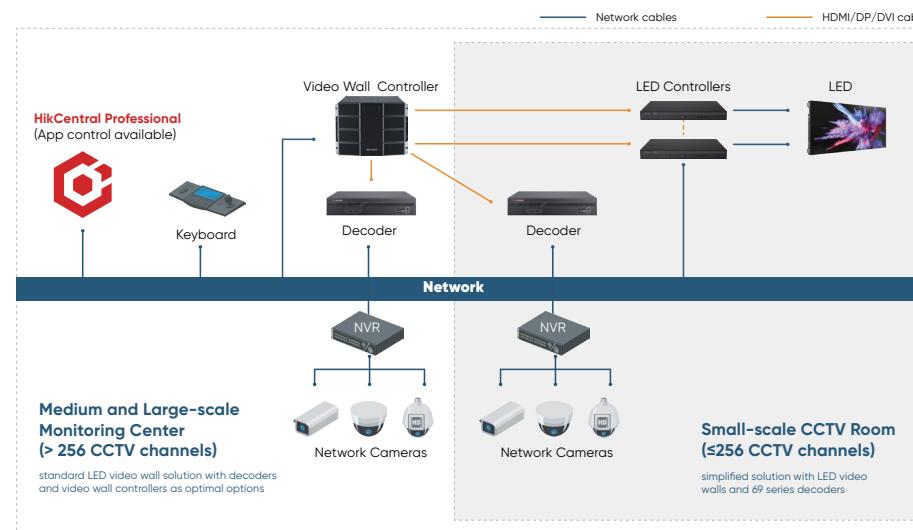
- Versatile controls elevate user experience: web portal, PC client, and mobile App



### Powerful functions and control

- Both CCTV signals and PC programs are easily projected onto the video wall

## Application Scenarios



## Product Portfolio



### 69(C) Series Decoders

DS-6916UDI(C)

- Up to 256×720P@30Hz decoding



### Ultra/Solid Series LED

DS-D4009BW-2FC

- Min. P0.9
- Optional COB/SMD/HOB/FOB



### P Series LED Controller

DS-DT60P-02HDI20NO/U

- 3-in-1: LED basic configuration, information releasing, video wall management



### C30S Series Video Wall Controller

DS-C30S-S23

- Mixed slot inserting



### HikCentral Professional

License: HikCentral-P-VSS/Base, HikCentral-P-VSS-1Ch

- Elaborately simple
- Flexible scenario adjustment
- Connected and interactive applications

# IN-STORE BI SOLUTION

Maximizing business with data-based fine management

## Pain Points



Difficult to measure operational effectiveness



Busy hour service quality not satisfying

## Solution Introduction

Hikvision In-Store Business Intelligence (BI) Solution assists business operations with AI video analytics. With this solution, you can easily track the number of people in an area, their movements, congregations, and peak occupancy periods. This information can be used to plan, take action, and enhance efficiency and services.



### Operation optimization

- **Walk-in Rate:** Keeps you informed about the percentage of passersby who enter your store.
- **Queue Management:** Tracks how many people are queuing and how long they've been waiting.



### Layout optimization

- **Flow Analysis:** Analyzes the common paths customers take in your store.
- **Heat Map:** Shows the most visited shelves in warmer colors to help you optimize merchandising.



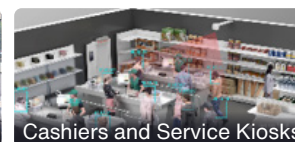
### Operation status checking

- **Multidimensional Statistics & Analysis:** Provides comprehensive data services to help you compare and understand the effectiveness of strategies and initiatives across time and locations.

## Application Scenarios



Store/Mall Entrances



Cashiers and Service Kiosks



Shopping Areas

## Product Portfolio



### DeepinView-Series Multi-Intelligence Cameras

iDS-2CD75x6G2-IZHS(Y) iDS-2CD71x6G2-IZ(H)S(Y)(1T)  
iDS-2CD75x7G0-XZHS(Y) iDS-2CD71x6G0-IZ(H)S(Y)

- Powerful tilted-view people counting, various rules supported
- Staff and repetitive entries exclusion
- VIP notification



### Dual-Lens People Counting Cameras

DS-2CD6825G0/C-IVS  
DS-2CD6825G0/C-IS

- Highly accurate vertical-view people counting
- Applicable for wide-door and high-ceiling scenarios



### Pro-Series PTZ Dome Cameras

DS-2DE4A225IWG-E

- Built-in queue mgmt. & perimeter protection
- Intelligent rules setting for each preset position



### DeepinView-Series Fisheye Camera

DS-2CD63C5G1-IVS  
DS-2CD63C5G1-S/RC

- Up to 360° coverage, 12 MP UHD
- Built-in people management AI algorithm



### HikCentral Professional

- Unified, centralized management
- Multi-camera, multi-store visualized business operational statistics report

# PPE DETECTION SOLUTION

Smart detection ahead of the risks

## Pain Points



High manual inspection costs



After-event accountability and delayed intervention



Inconsistent compliance leads to potential safety risks

## Solution Introduction

Hikvision leverages cameras and AI-powered analytics to inspect safety compliance and risks in work activities. A camera detects whether a staff person is wearing a hard hat or a protection vest/jacket, then triggers an alarm when someone is detected without one. The cameras also support detecting hard-hat colors.



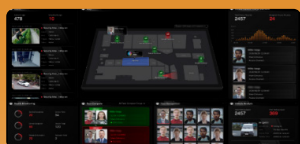
### Real-time detection

The camera monitors and detects non-compliance with workplace health and safety guidelines in real time.



### In-time intervention

Allow for immediate intervention, corrective actions, or reminders, ensuring safety protocols are followed consistently.



### Safety statistics

An overview of the critical metrics of safety compliance helps organizations reduce the risk of accidents and injuries.

## Application Scenarios

The solution applies to industrial settings where protective wear is necessary to ensure worker safety.



Construction Sites



Manufacturing Plants



Substations

## Product Portfolio

### DeepinView-Series Cameras with AIOP



**iDS-2CD71x6G0-IZ(H)S(Y)**  
· 8-in-1 intelligence, support AIOP



**iDS-2CD7Ax7G2-XZHS(Y)**  
· DarkerFighter 2.0  
· AIOP, HEOP, 8-in-1 intelligence, simultaneous dual AI

### DeepinMind-Series NVRs with AIOP



**iDS-6708NXI-M1/AI:**  
**Up to 4-ch PPE detection**  
· Max. 8-ch IP camera inputs  
· Incoming / outgoing bandwidth: 128 Mbps / 256 Mbps  
· Up to 2-ch@32 MP/32-ch@1080p decoding capacity



**iDS-6716NXI-M1/AI:**  
**Up to 8-ch PPE detection**  
· Max. 16-ch IP camera inputs  
· Incoming / outgoing bandwidth: 256 Mbps / 256 Mbps  
· Up to 2-ch@32 MP/32-ch@1080p decoding capacity



**iDS-9632NXI-M8/AI: Up to 8-ch PPE detection**  
· Max. 32-ch IP camera inputs  
· Incoming / outgoing bandwidth: 320 Mbps / 400 Mbps  
· Up to 2-ch@32 MP/32-ch@1080p decoding capacity

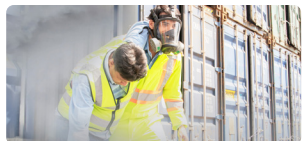
**Note:** Choose either a camera or an NVR for PPE detection of hard hats or protection vests.

# ACOUSTIC IMAGER SOLUTION

Detect the Unheard, Visualize the Invisible

## Pain Points

When there is device malfunction or gas leakage



Unable to detect early



Unable to pinpoint



Large manpower and resource consumption

## Solution Introduction

Hikvision's Acoustic Imager combines microphone arrays and camera components to convert sounds into visual maps, making it easier to identify problem areas quickly. It provides advanced solutions for industrial settings such as the electric power and petrochemical industries, ensuring safe and efficient operation.



**Leak & discharge detection**

Locate air or gas leaks with less than 1° error margin.



**Broad frequency coverage**

Capture 5kHz to 72kHz sound and remove background noise.



**Continuous monitoring and remote maintenance**

24/7 device monitoring with mobile cloud image alerts.



**Seamless system integration**

Easily managed through the HikCentral platform.

## Application Scenarios



### **Electric power industry**

Partial discharge detection, electrical equipment fault diagnosis, etc.



### **Petrochemical industry**

Partial discharge detection, electrical equipment fault diagnosis, etc.



### **Data center**

Partial discharge detection, electrical equipment fault diagnosis, etc.

## Product Portfolio



### **64 Mic Acoustic Imager**

**DS-QAAI264G1-P**

- High accuracy localization of faults within 1°
- Ultra-wide frequency from 5 KHz to 72 KHz
- Free selection of the localization frequency range
- 24/7 real-time monitoring
- 50-meter outdoor detection distance



### **HikCentral Professional (V2.5.1)**

**License: HikCentral-P-VSS/Base  
HikCentral-P-VSS-1Ch**

- Elaborately simple
- Flexible scenario adjustment
- Connected and interactive applications

# INDUSTRIAL TEMPERATURE MEASUREMENT SOLUTION

Secure quality continuously

## Pain Points



High maintenance costs



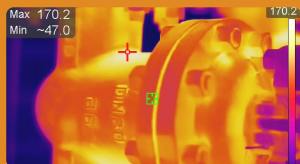
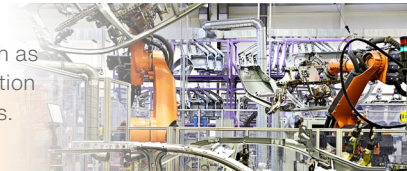
Equipment downtime



Inefficient management

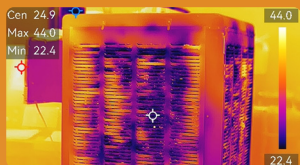
## Solution Introduction

HIKMICRO leverages sensing technologies, such as sound, pressure, and vibration, for defect detection and early warnings in manufacturing inspections.



### Real-time temperature detection

Unique capabilities like locating abnormal temperature areas, over-limit alerts, and historical image analysis make it easy to identify and assess product defects.



### Preventive maintenance

Thermal cameras monitor of equipment temperatures, allowing early detection of issues to virtually prevent further damage and save costs.



### Energy efficiency

Regular thermal imaging for equipment condition testing detect failures early, reducing energy waste from faulty equipment.

## Application Scenarios

HIKMICRO products help maintain high standards in industries including paper, food, glass, and automotive sectors, ensuring quality and safety.



Paper Manufacturing



Food Processing



Glass Production

Advanced technologies like sensors and thermography detect equipment issues, minimizing waste and enhancing safety in operations such as plasma coating and metal smelting.



Automotive Industry



Plasma Coating



Metal Smelting

## Product Portfolio

### Handheld Thermography Cameras



#### M series and G series (M60, G61H)

- Ultra high resolution(640\*480) with highly sensitive detector
- Embedded LRF function available
- Up to 2000°C temperature measurement range

### Thermography Cube Cameras



#### HM-TD3028T-Q

- MODBUS TCP for automation integration
- Temperature anomaly detection with instant alarms

### Thermography Explosion-Proof Cameras



#### DS-2TD2537T-Q(C)

- -20-650°C temperature measurement range with  $\pm 2\%$  accuracy
- IP68, NEMA 4X, ATEX/IECEX explosion-proof certification
- CNPP certificated for fire prevention

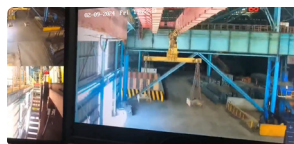
# CRANE MONITORING SOLUTION

Improving safety in challenging operational environments

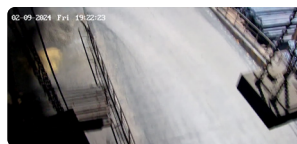
## Pain Points



Structural damage of the equipment by vibrations



High latency leads to delayed feedback



Blurry images without proper image stabilization

## Solution Introduction

Hikvision's Crane Monitoring Solution features cameras with vibration resistance, low latency, and image stabilization capabilities. They offer real-time monitoring and recording, allowing operators to watch the mechanical operations and the surrounding area at all times.



### Designed to resist vibrations

A sturdy construction and reinforced components make the cameras capable of withstanding vibrations, shocks, and impacts.



### Low latency

Real-time monitoring and quick decision-making are possible with minimal delay between the actual scene and the displayed image.

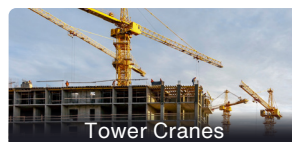


### Excellent image stabilization

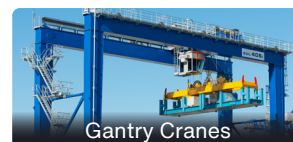
With advanced image stabilization technology, these cameras deliver smooth and clear images and videos, even in rugged conditions.

## Application Scenarios

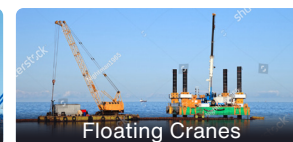
Hikvision's crane cameras can be mounted in various positions of the crane to monitor and ensure safety and security. They keep an eye on the crane's operations as well as people and vehicles nearby. Additionally, we offer anti-corrosion crane cameras designed for use in corrosive environments such as ports and coastal areas.



Tower Cranes



Gantry Cranes



Floating Cranes

## Product Portfolio

### Crane Cameras

NEW

#### DS-2XC64x5G0

- 2 MP@60 fps / 4 MP@30 fps
- Support vibration resistance
- Support low latency
- Support AcuSense
- IP68, NEMA 4X, C5-M



NEW

#### DS-2XC64x6G0-LIZH(R)S

- 2/4/8 MP, 2.8-12 mm / 8-32 mm / 4.8-120 mm@60 fps
- Support vibration resistance
- Support low latency
- -R: with wiper, -H: with heater
- 316L stainless-steel enclosure
- IP68, NEMA 4X, C5-M



NEW

#### DS-2XC64x4G0-LIZH(R)S

- 2/4/8 MP, 2.8-12 mm / 8-32 mm@60 fps
- Support vibration resistance
- Support low latency
- -R: with wiper, -H: with heater
- Aluminum-alloy enclosure
- IP68



# FIRE PREVENTION SOLUTION

Stay ahead of flames

## Pain Points



Hard to find the fire's origin without video



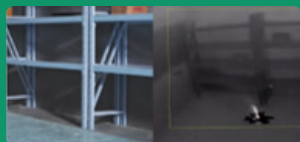
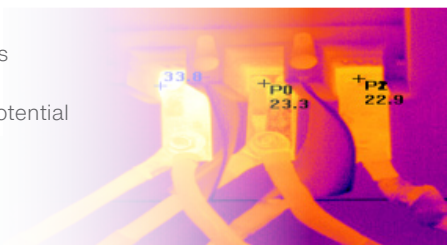
Traditional smoke / fire sensors are often reactive, not preventative



Sensors and optical cameras offer limited short-range coverage, which is inadequate for vast outdoor areas

## Solution Introduction

Hikvision's fire prevention solution leverages thermal cameras to identify temperature anomalies, allowing for early warnings on potential fire hazards, and protect lives and property.



### Real-time warning

- Rapidly detects temperature anomalies in only few seconds, safeguarding your assets.



### Non-contact measurement

- Monitors without disrupting normal operations.



### Visualized detection

- Easily locates risk points through heat distribution visualization.

## Application Scenarios

### Indoor Fire Prevention

Deploy thermal cameras to trigger alarms for temperature anomalies, enhanced with forklift and sun-reflection filters to minimize false alerts.



Waste & Recycling



Warehouses



EV-charging Stations

### Outdoor Fire Prevention

Tailored solutions for gas flare monitoring and forest fire detection facilitate combustion analysis and integrate with Google Maps to enhance rescue operations' efficiency.



Rooftop Solar Panels



Forest Fire Monitoring



Gas Flare Observation

## Product Portfolio



### HeatPro Series Thermal Camera

DS-2TD1228T-QA  
DS-2TD2628T-QA

- Temperature anomaly detection with instant alarms
- visual and auditory warnings



### Thermographic Speed Dome

DS-2TD4137T-W  
DS-2TD4167T-W

- High accuracy  $\pm 2^{\circ}\text{C}$  with  $-20$ - $550^{\circ}\text{C}$
- Fire and smoke detection
- CNPP certificated



### Stable Positioning System

DS-2TD8167-W

- Large-area forest fire detection
- Up to 16 km smoke detection

# VEHICLE ACCESS CONTROL MANAGEMENT SOLUTION

## Pain Points



Different entrance and exit scenarios have varying vehicle traffic scales and management requirements, demanding comprehensive and compatible solutions



Users have diverse needs for access control management and billing schemes, requiring high flexibility and functional features in the solution



Technological advancements have led to a growing demand for the convenience and automation of access control solutions

## Solution Introduction

Hikvision delivers streamlined vehicle access experiences by providing vehicle passage and fee management solutions based on license plates, cards, or tickets to meet various scenarios and user needs.



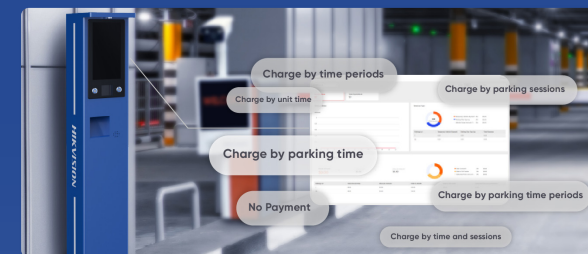
### License plate-based access control

- License plate recognition, vehicle information capture and recording
- Access for authorized vehicles only



### Multiple authentication options

- Multiple access control authentication options, such as license plate, card, and ticket, in order to cater to the specific needs of users



### Customized billing management

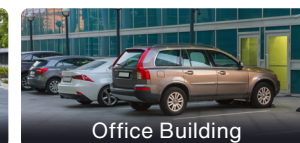
Configurable parking fees for authorized vehicles and temporary guests to accommodate diverse billing requirements

## Application Scenarios

### MACRO-ENVIRONMENTS



### MICRO-ENVIRONMENTS



## Product Portfolio

### Vehicle Detection

- ① Anti-Fall Radar    ② Trigger Radar



DS-TMG034



DS-TMG034

- Anti-fall radar: detects targets and regulates movement of barrier gates
- Trigger radar: detects vehicle information and triggers the system

### License Plate Recognition/Card Verification

- ③ ANPR Camera



DS-TMC403-EL



TCG406-E

- ANPR camera with deep learning algorithm provides high license plate accuracy, vehicle attribute analysis and information recording

- ④ UHF System



DS-TRI900-1/A



DS-TRC902-1/A

- Mid to long-range card verification based on radio waves
- Touch-free authentication with instant recognition

### Vehicle Access Control

- ⑤

#### Barrier Gate



DS-TMG42X



DS-TMG52X

#### All-In-One E&E Manager



DS-TMC407-EHL/R

- Reliable rising/closing performance with brushless DC motor (maximum rising speed up to 0.9s)
- Variety of products to meet the specific requirements of various entrance & exit scenarios

### Vehicle Access Control Management

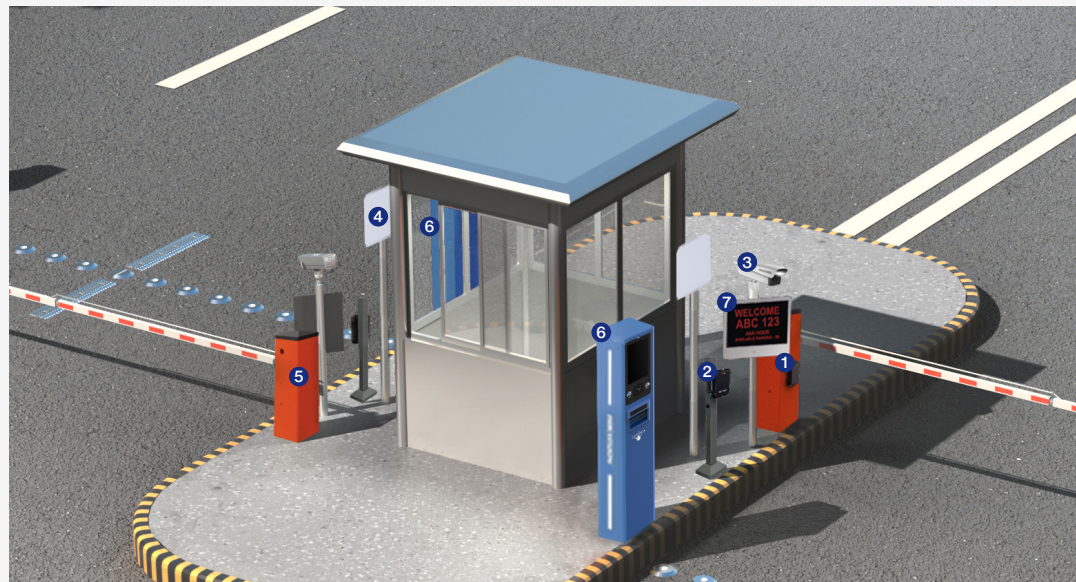
- ⑥

#### Entrance & Exit Ticket Station



DS-TMT201-D    DS-TMT202-D

- Authenticated users swipe their cards for passage
- Temporary users can obtain tickets (with QR code/plate number/time) by pressing the button



### Information Display

- ⑦



LED Screen  
DS-TVL224-4-5Y

- Displays parking information and available spaces

### Centralized Management

- ⑧



#### HikCentral Professional

- Manages vehicle lists and devices centrally
- Defines entrance and exit rules and manages charges
- Records and analyzes entrance and exit information for statistical purposes

# PARKING LOT MANAGEMENT SOLUTION

## Pain Points



Public parking lots have a large number of parking spaces, making it difficult to find available spaces, leading to long searches and low turnover rates



Large parking lots with multiple floors and parking spaces make it challenging to find parked vehicles



Parking lot managers face difficulties in parking fee collection, security monitoring and parking spaces management

## Solution Introduction

Hikvision's Smart Parking Management Solution enhances efficient management, security, and profitability for parking operators.



### Parking space management

- Real-time parking space detection and management through deep learning and video monitoring technology
- Solutions tailored to specific deployment requirements



### Parking guidance

- Efficient vehicle retrieval using license plate fuzzy matching, non-plate vehicle search, and entrance time data
- Instant and convenient navigation to pinpoint the vehicle with real-time parking location display and mapping



### Parking lot operation

- Parking space and vehicle monitoring
- Parking fee management
- Customized reports and traffic flow analysis

## Parking Guidance Management Solution

### Parking Space Detection

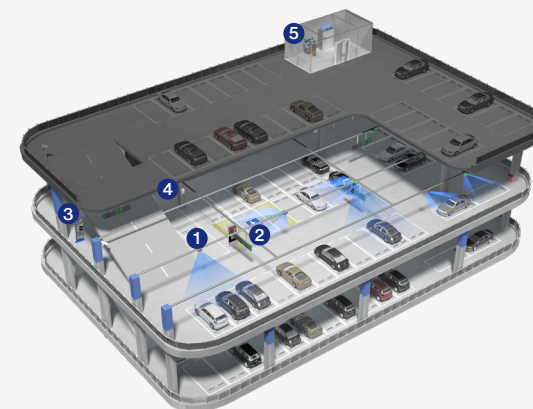


**Parking Guidance Camera**  
DS-TCP440-DB(ES)



**Fisheye Parking Guidance Camera**  
DS-TCPC06

- Supports parking space detection, license plate recognition and monitoring
- Utilizes multiple LED light colors to indicate parking space status, allowing for easy identification by drivers



### Available Parking Space Display & Guidance

2



**Indoor LED Screen**

DS-TVL121-3-5D  
DS-TVL121-6-5D  
DS-TVL121-9-5D

3



**Entrance Information Guidance Screen**  
DS-TVB200

- Provides a clear display of available parking spaces to aid drivers in locating and parking efficiently

### Centralized Management

4



**Video Guidance Terminal**  
DS-TPM400-P

- Power and network access are provided for 32 nearby cameras with edge storage, local data backup, and offline parking guidance.

### Vehicle Reverse Search Mgmt.

5



DS-TPW332-C

### Video Guidance Terminal

- Vehicle search by enabling queries based on license plate number, space number, and parking time
- Displays the vehicle's exact position on a E-map and offers optimal route guidance to the designated parking space

# On-Street Parking Management Solution

## Parking Space Detection

1

### On-Street Parking ANPR Bullet Camera



iDS-TCR803-G

- Captures the parking process through videos and images
- Ensures precise detection and capture of vehicles with vehicle target tracking
- ANPR system records the entire drive-in and drive-out process of vehicles

2

### Parking Space Detection Camera



iDS-TCR204-E

- Keeps track of parking availability from a bird's-eye view
- Captures images and videos for automatic security alerts
- Monitors 50 parking spots with a user-friendly display

3

### Geomagnetic Detector & Manager



DS-TDP110-S



DS-TDP210-ST

- Touchless, non-video subterranean roadside parking management
- Precise real-time identification of parking space availability
- LoRa Geomagnetic Manager Support up to 60 node access, communication distance up to 60 m

## Available Parking Space Display & Guidance

4

### Outdoor LED Screen



DS-TVL221-2-10P



DS-TVL222-2-10P



DS-TVL223-2-10P

- Displays available parking spaces and offers guidance



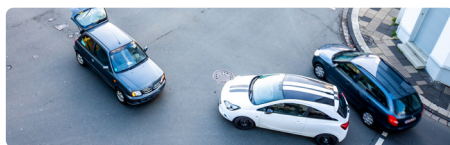
# VIOLATION MANAGEMENT SOLUTION

Regulating driving practices and enhancing road safety

## Pain Points

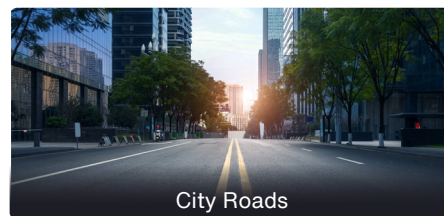


Rapidly increasing urban vehicle numbers exacerbate traffic congestion and accident issues



Growing urban travel demands compound the difficulty of traffic violation management

## Application Scenarios



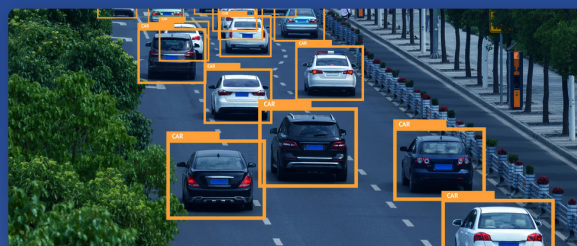
## Solution Introduction

Hikvision offers violation detection solutions using multi-frame recognition and vehicle tracking technology. It covers violation and vehicle information detection, data retrieval, and verification in scenarios like intersection violations, illegal parking, and speeding management.



### Effective violation enforcement

- High-definition violation evidence collection and verification to improve the accuracy of off-site illegal detection systematically
- Promotion of digital law enforcement to ensure fair and transparent law enforcement



### Effective traffic management

- Multi-frame recognition and vehicle tracking technology to regulate driving behaviors and reduce traffic accidents
- AI technology for customized solutions and scenario detection



### Light pollution down, visibility up

- Uninterrupted monitoring in ultra-low light conditions
- Superior visibility for detailed traffic analysis



## Product Portfolio

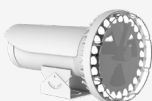
### Checkpoint Camera with DarkFighterX



IDS-TCV900-FEM/25 IDS-TCV900-BI(FM)/25/H1  
IDS-TCV900-FEMF/50

- High Performance GMOS Camera with 9 MP (2\*1" GMOS)
- Reduced light pollution with 4 light grating to decrease LED beads and add D stray light
- Upgraded deep learning image effect for improved the color reproduction
- Powerful AI capability for ANPR and vehicle seatbelt detection for both driver and passenger seats and phone calling detection

### 3-in-1 Supplement Light



DS-TL3000B(-I)

- Reduced light pollution with 3 types of supplement lights intergraded into one unit: strobe light, white light and infrared light flash lights
- High power LED lights with effective distance of up to 30 m and 24 light beads
- Color temperature: 3000K (strobe light); 7000K (flash light)
- Long lifespan with service life  $\geq 50000$  hours

### Traffic Management Server



DS-TP50-16R

- Multiple channel connection with 16 channels and up to 12 MP resolution video input
- Improved AI capability with significantly increased event capture (fallen objects from 65% to 85%)
- 4 x SATA (Each SATA interface supports up to 6TB HDD)
- Equipped with GPS, 4G and WIFI module

### Speed Measurement Radar



DS-TDSB00-EMM

- Professional traffic narrow beam radar with 60 GHz MIMO technology
- High dynamic speed measurement range with a very high capture rate ( $\geq 95\%$ ) Velocity range: 10 ~ 320 km/h, measurement accuracy:  $-2 \sim 2$  km/h

### HikCentral Professional/ HCM Lite



- LPR
- Vehicle attributes
- Traffic flow

# INCIDENT DETECTION SOLUTION

Designed for tunnels and highways for real-time traffic incident detection, reducing road risks

## Pain Points



High traffic accident rates in challenging traffic conditions result in increased operational costs



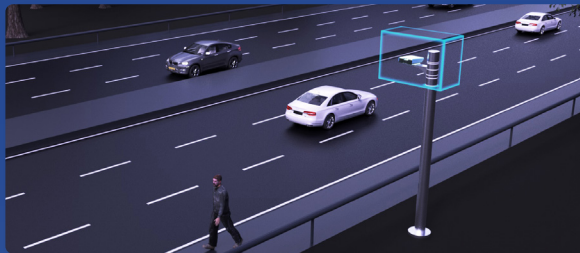
It requires effort and time to confirm the situation on-site

## Application Scenarios



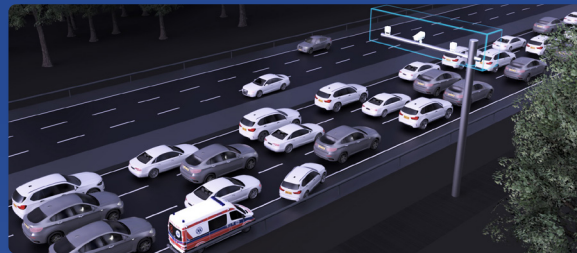
## Solution Introduction

Hikvision's Traffic Incident Detection system is an early warning system for collecting evidence around incidents and parameters that affect vehicles and traffic safety on the road.



### Earlier detection, better prevention

- Multi-functional incident detection, for abnormal road conditions, hazards, and traffic violations
- Incident management tools supporting traffic event searches, real-time mapping, and traffic event and flow statistics



### Optimizing traffic management & control

- Real-time detection of road conditions and anomalies, efficient handling of incidents, and ensuring smooth efficient traffic flow



### Enhanced visualization beyond sight

- Leading radar & video fusion technology, supports multi-object tracking, large detection range and high precision, unaffected by environmental conditions
- Visualization enables structural analysis of objectives
- Simultaneous acquisition of environmental data and details



## Product Portfolio



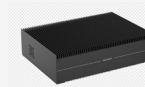
**8MP Radar-Video Fusion Camera**  
*iDS-TCS802-FS*

- Supports three application scenarios: tunnel, urban roads and highway
- Strong incident detection and traffic parameter collection capabilities
- Combines a professional traffic camera with an 8 MP resolution and a high-performance radar boasting a detection range of up to 200 meters



**9MP Radar-Video Fusion Camera with supplement light**  
*iDS-TCS907-FIR*

- Application scenarios: tunnel, highway
- Strong incident detection (Accuracy > 90%) and traffic flow detection capabilities
- Equipped with a 9 MP GMOS camera, an 80 GHz radar with a detection range extending up to 350 meters, and a built-in supplement light



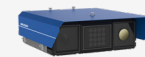
**Incident Detection Edge Server**  
*DS-TSS300-F*

- Compatible with up to 4 channels of 4MP IP cameras
- Supports multiple incident detection and multiple traffic parameter collection
- 4 × 3.5-inch SATA HDD Storage (Each SATA interface supports up to 8 TB)



**Incident Detection Central Server**  
*iDS-TSS500-F*

- Based on the latest Hikvision deep learning technology
- Compatible with up to 16 channels of 4 MP IP cameras
- 2 × 3.5-inch SATA HDD Storage (Each SATA interface supports up to 8 TB)



**9 MP Bi-Spectrum Incident Detection Camera**  
*iDS-TCS917-FI*

- Application scenarios: tunnel, highway
- High performance camera with a 9 MP GMOS camera
- 11-40 mm motorized lens, easily adjustable
- Thermal camera with 640 \* 512 high resolution
- Exceptional accuracy (>90%) in detecting up to 14 different types of incidents



**HikCentral Professional/HCM Lite**

- LPR
- Traffic flow
- Vehicle attributes
- Incident detection

# LEADING **CYBERSECURITY** & PRODUCT SECURITY



Hikvision recognizes and prioritizes the need for cybersecurity at all stages of product lifecycle, making continuous efforts to strengthen our comprehensive product security architecture and compliance.



ISO 27001, ISO 27701, ISO 38505, CSA STAR, CVE PARTNER,  
CC EAL3+, ISO 28000, ISO 9001

# Green Manufacturing

In 2022, Hikvision completed its Carbon Neutrality Blueprint and received the ISO14064 certification for Greenhouse Gas Accounting and Verification.



# Green Techs & Solutions



**Solar-powered video security**

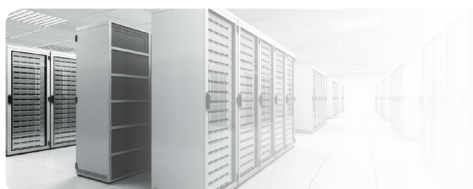


**Sharper night vision & smarter lighting**



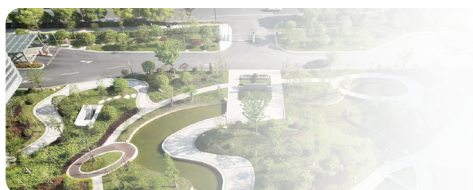
## Smarter energy consumption

Our energy management system monitors energy use in various areas and floors, collects data to inform energy conservation measures, facilitates remote lighting control, and reduces power consumption by 10%.



## Cloud-based R&D platform

Providing virtual machines on computing service nodes, Hikvision's R&D cloud platform cuts electricity consumption by nearly 5,000 MWh and carbon emissions by nearly 4,000 tons per year.



## Sustainable water use

We control the total amount of stormwater runoff and improve the way stormwater is recycled and reused for landscape pond replenishment, road washing, sprinkler irrigation, and more in our office parks.



## "Green Office" initiatives

We promote a paperless office environment. Our Office Automation (OA) system improves efficiency while making all workflows paperless, including contract signing, document sharing, internal communications, and more.

To date, Hikvision has launched more than 30 dedicated AIoT products and more than 200 deep learning algorithms for environmental protection applications.

# Green Operations

Saves ⚡ to charge  
**2,100**  
per year in  
low-power mode



Maximum performance  
on minimal power

Saves ⚡  
by around **45 %**



Light up every moment  
with less energy

By increasing the efficiency per worker through automation, and using green production processes, energy-efficient equipment, RoHS 2-compliant low-carbon materials, and eco-friendly packaging, our factory has been recognized as a National Green Factory.

## Cleaner energy



Photovoltaic  
Power Generated in 2022  
**4,508** MWh



Green Energy Purchased  
in 2022  
**32,852** MWh

## Cleaner materials



Replace coated metals  
with reinforced polyamides



No-paint process  
to minimize VOC emissions

## Cleaner packaging



Replace plastic bags with 100%  
biodegradable polylactide bags  
to mitigate white pollution



Replace EPE foam interior pack  
aging with cardboards to reduce  
annual plastic use by 27.9 tons



Urban Waste  
Management



Vehicle Emission  
Reduction



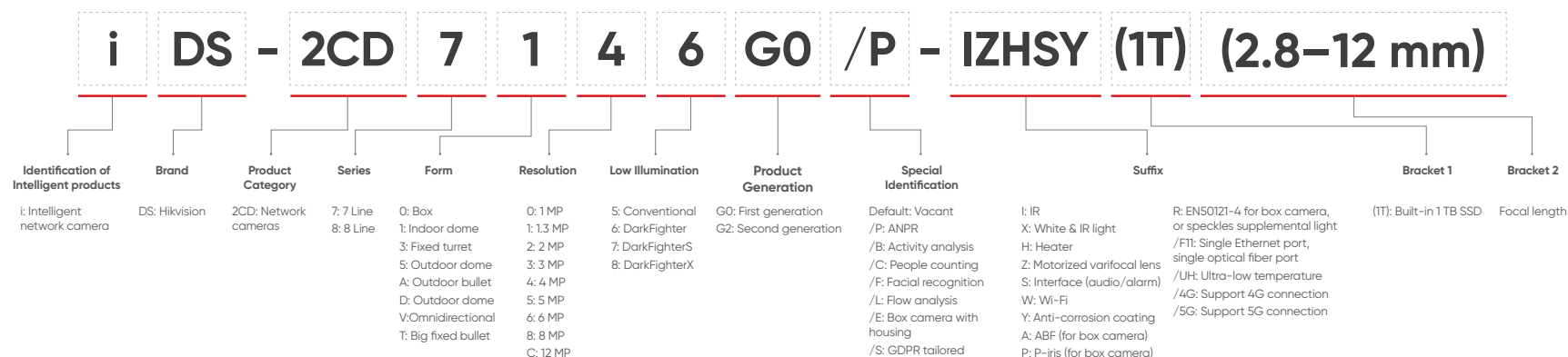
Water Quantity  
Monitoring



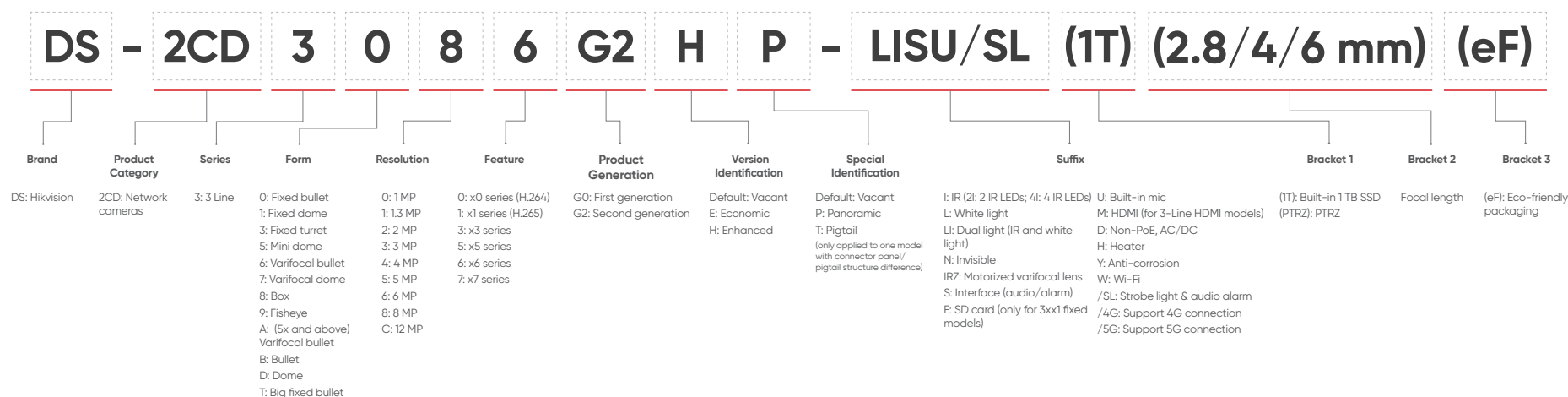
Air Quality  
Monitoring

# APPENDIX: PRODUCT NAMING RULES

## Network Cameras – DeepinView Series

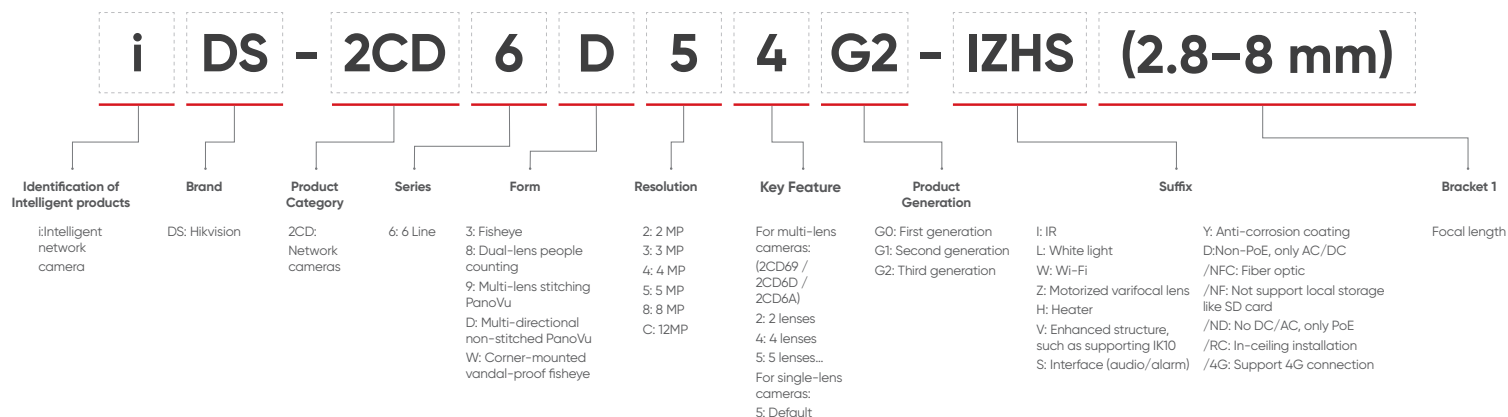


## Network Cameras – Ultra Series

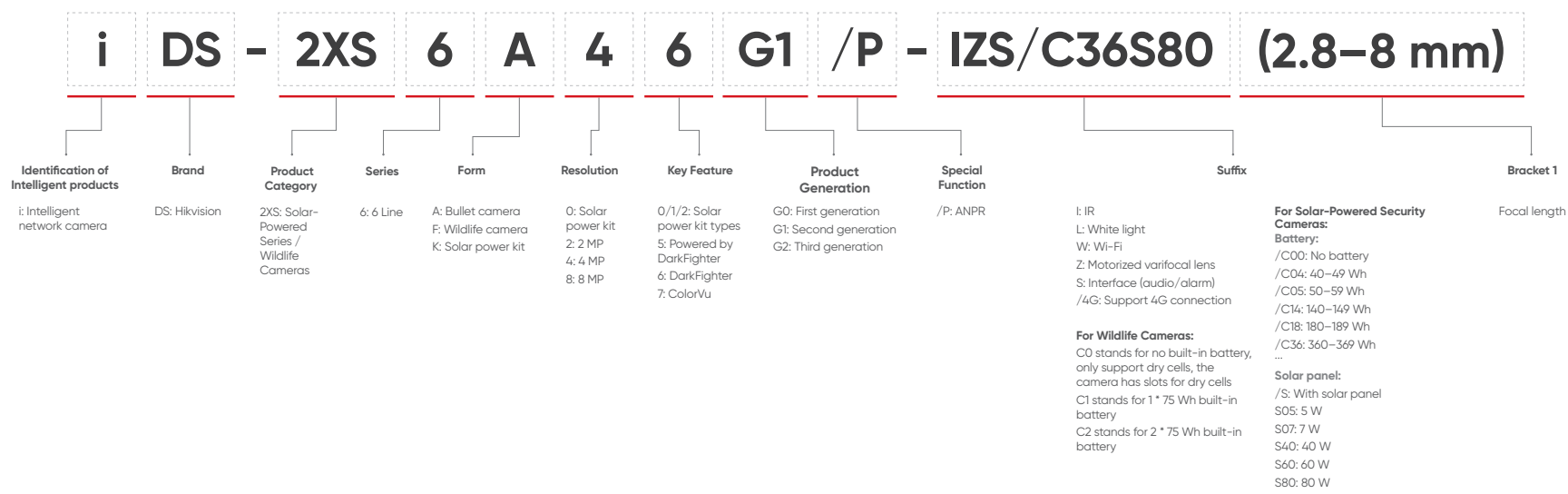


## Network Cameras – 6 Line

### 6-Line Panoramic Series Network Cameras

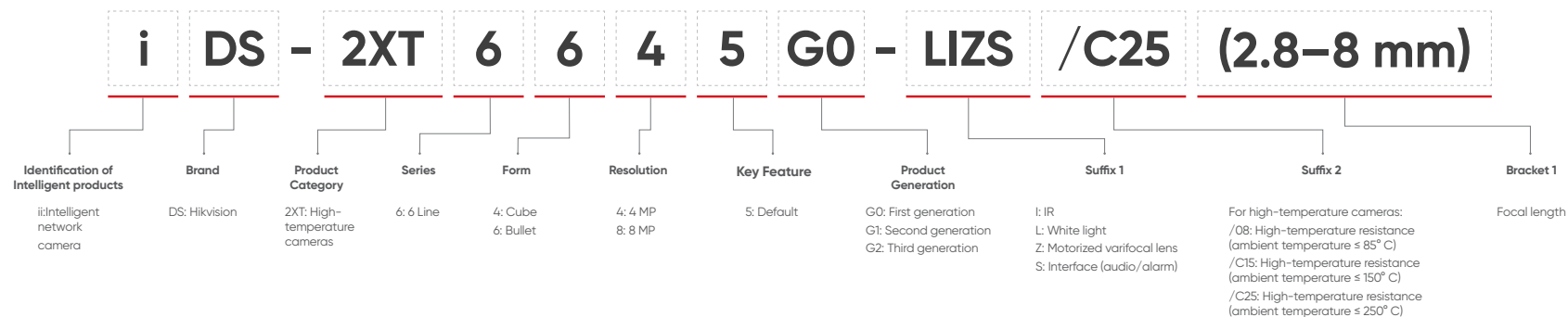


### 6-Line Solar-Powered Series / Wildlife Cameras

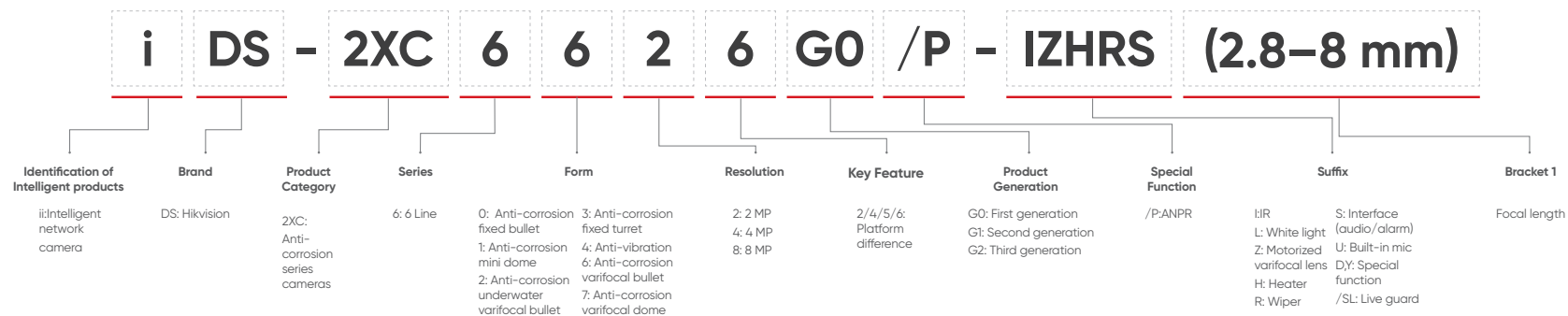


## Network Cameras – 6 Line

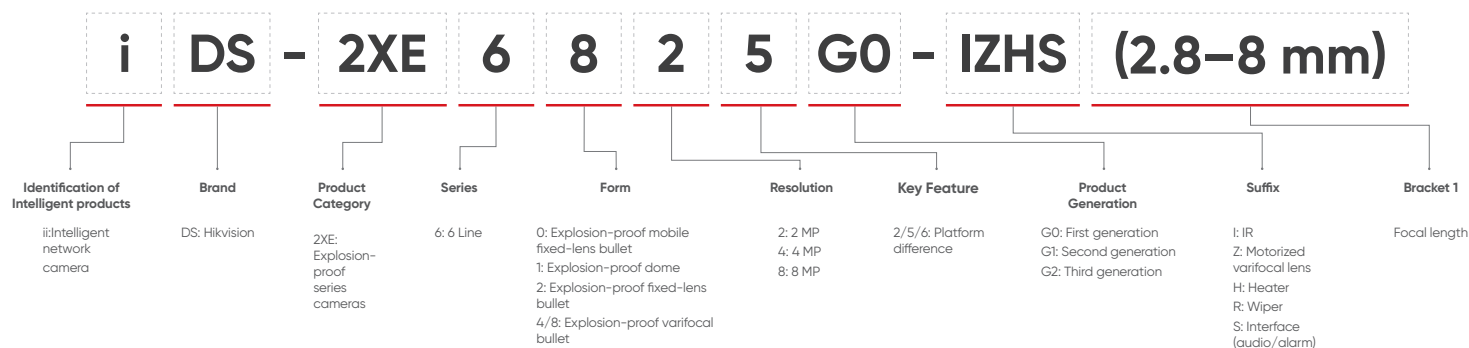
### 6-Line High-Temperature Cameras



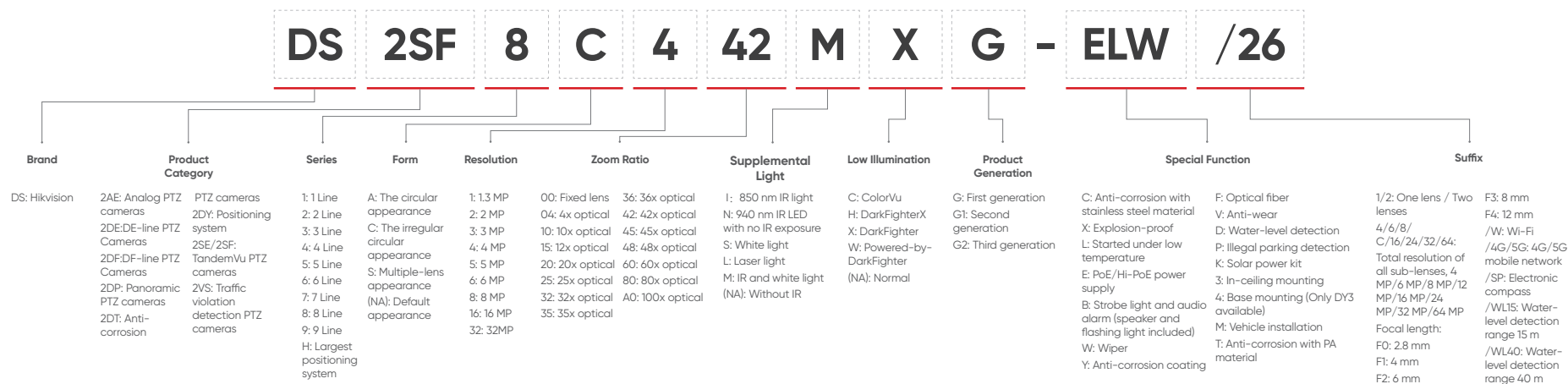
### 6-Line Anti-Corrosion Series Cameras



## 6-Line Explosion-Proof Series Cameras

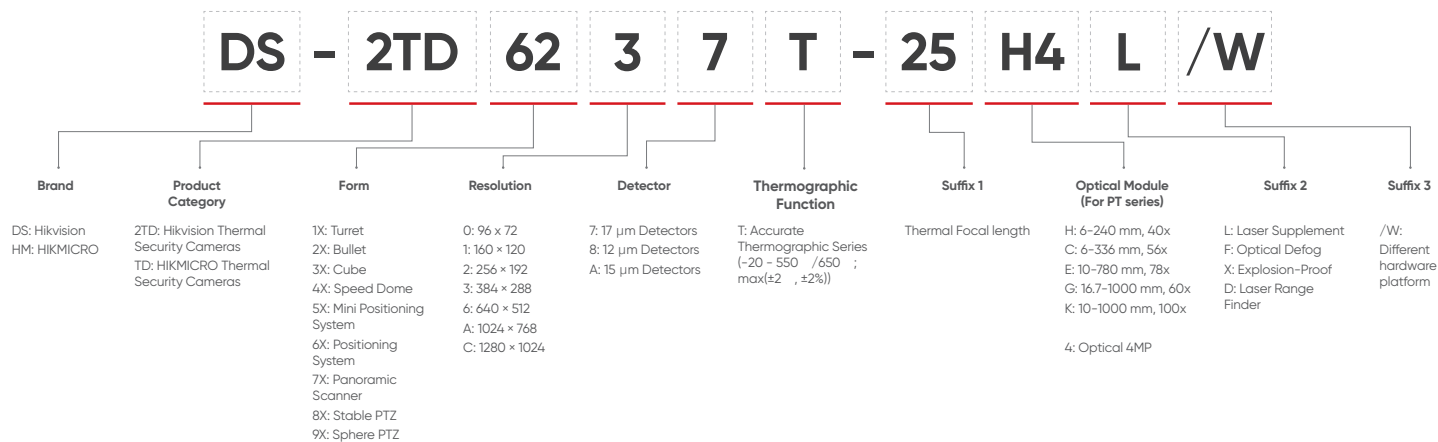


## Network Cameras – PTZ Cameras

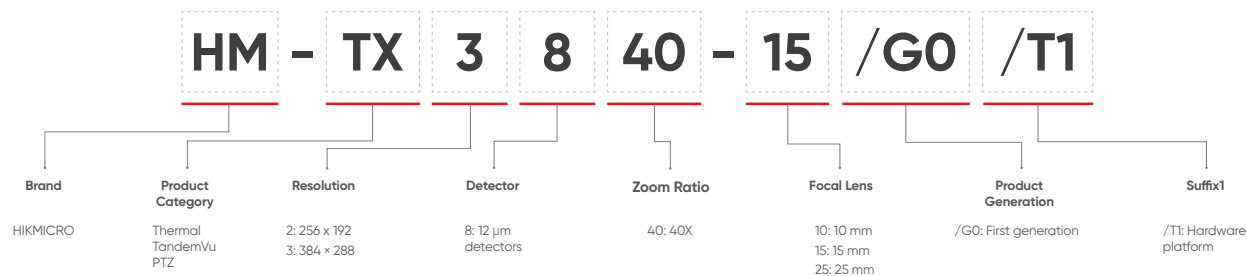


## Thermal Security Cameras

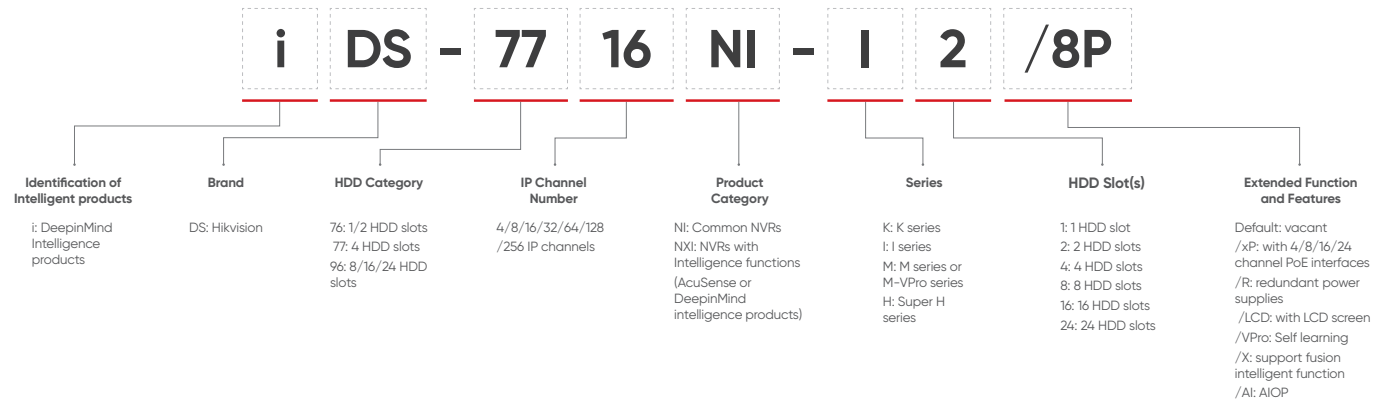
### Thermal Security Camera



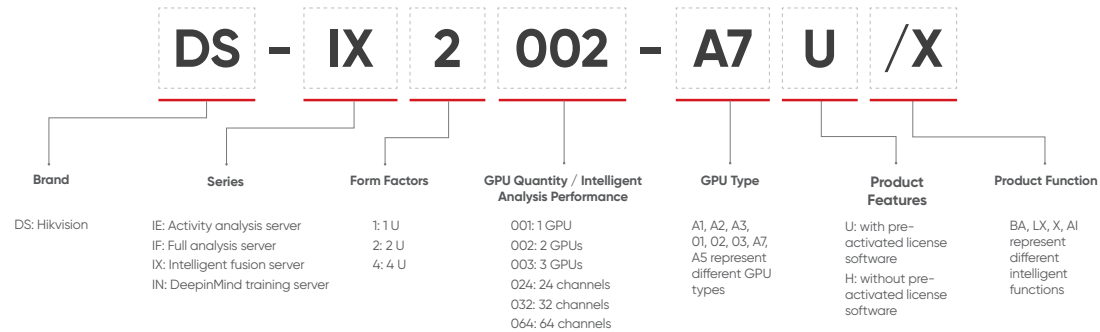
### Thermal TandemVu PTZ Camera



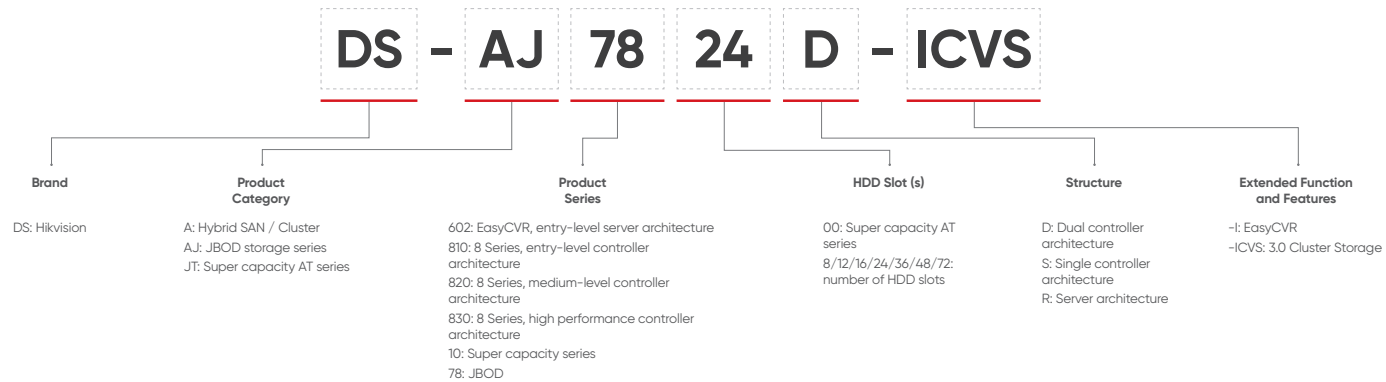
## Network Video Recorders & DeepinMind Edge



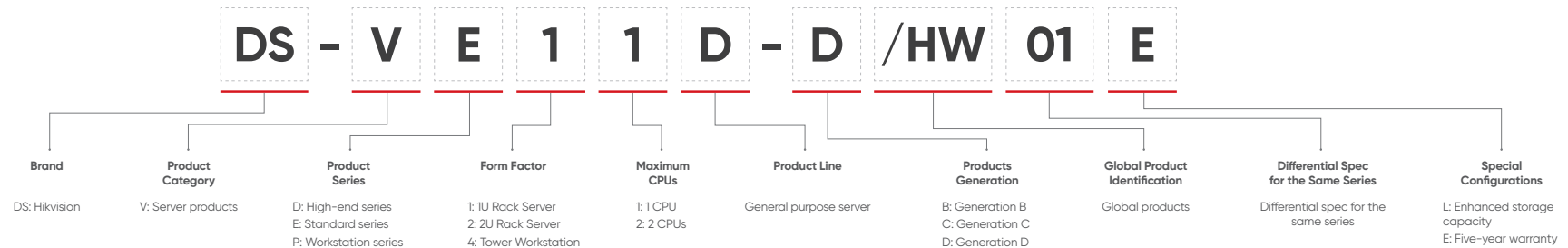
## DeepinMind Server



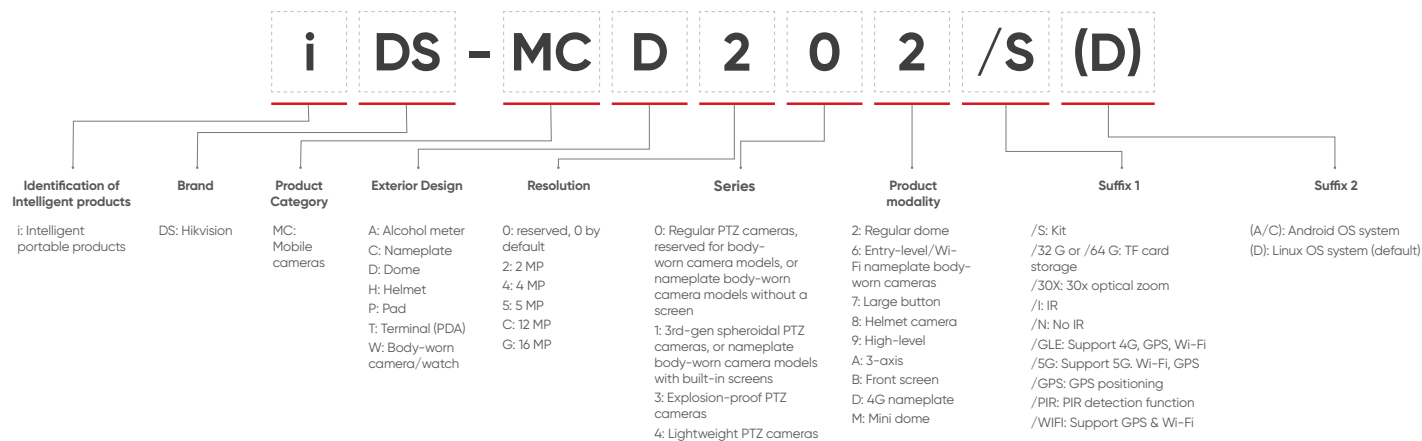
## Network Storage



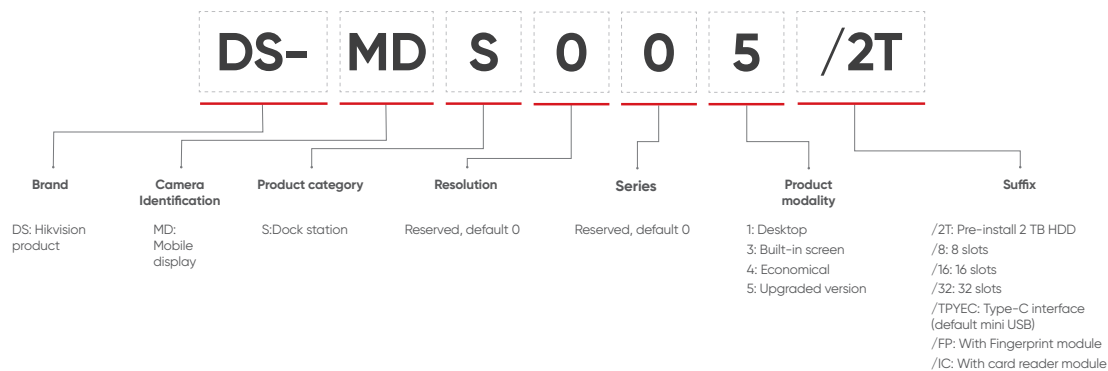
## Servers



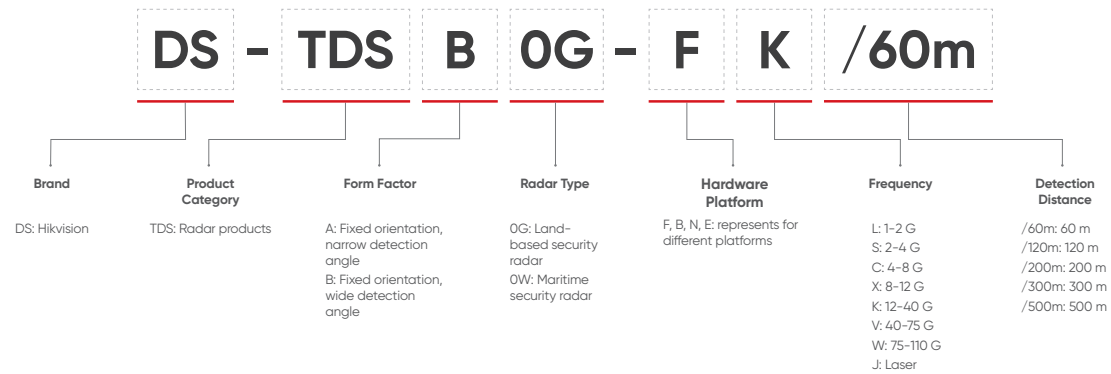
## Portable Products – Body-Worn Cameras



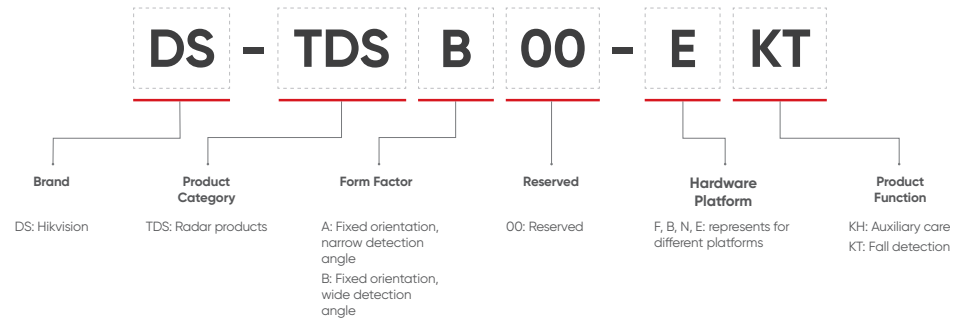
## Portable Products – Dock Station



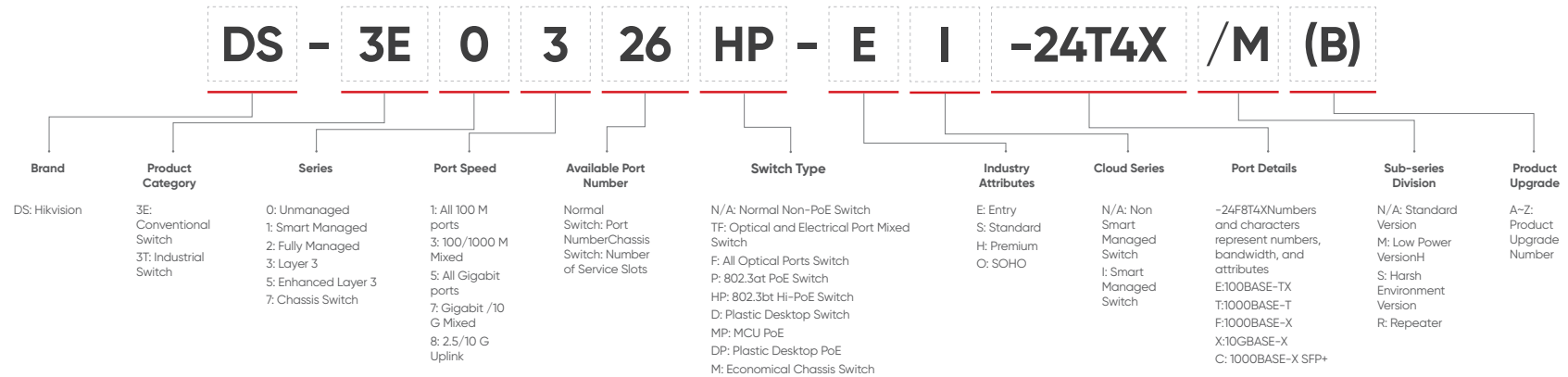
## Radar – Security Radar



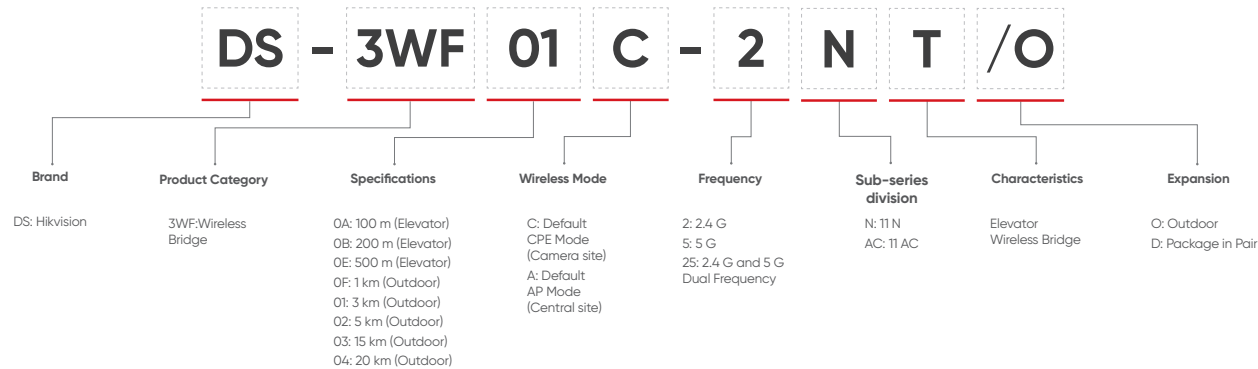
## Radar – Healthcare Radar Sensor



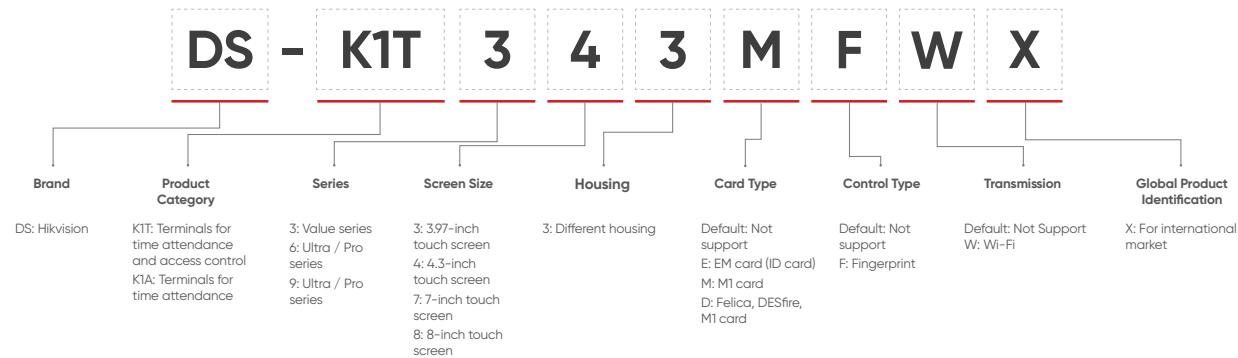
## Networking – Switches



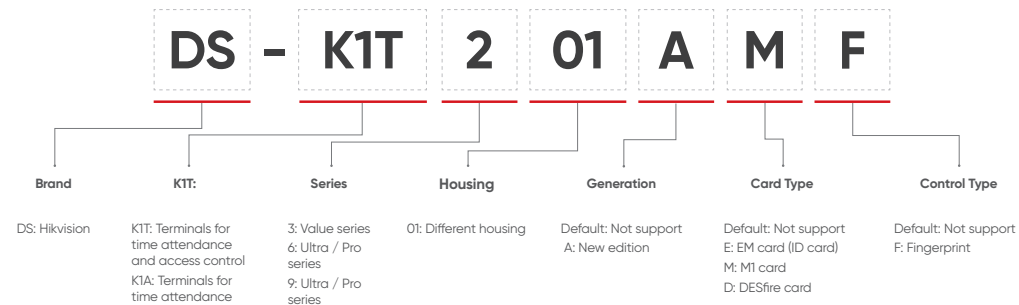
## Networking – Wireless Bridge



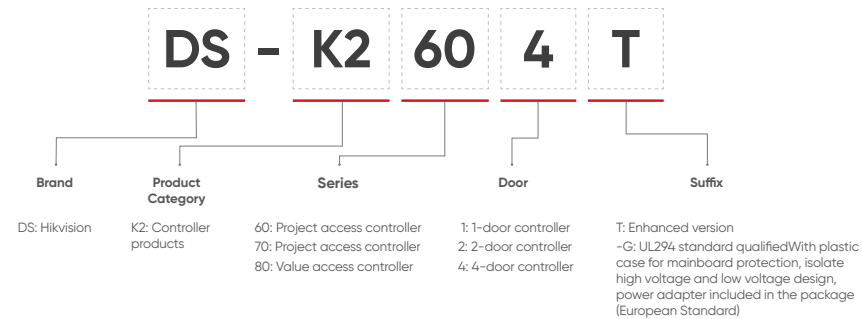
## Access Control – MinMoe Face Recognition Terminal Products



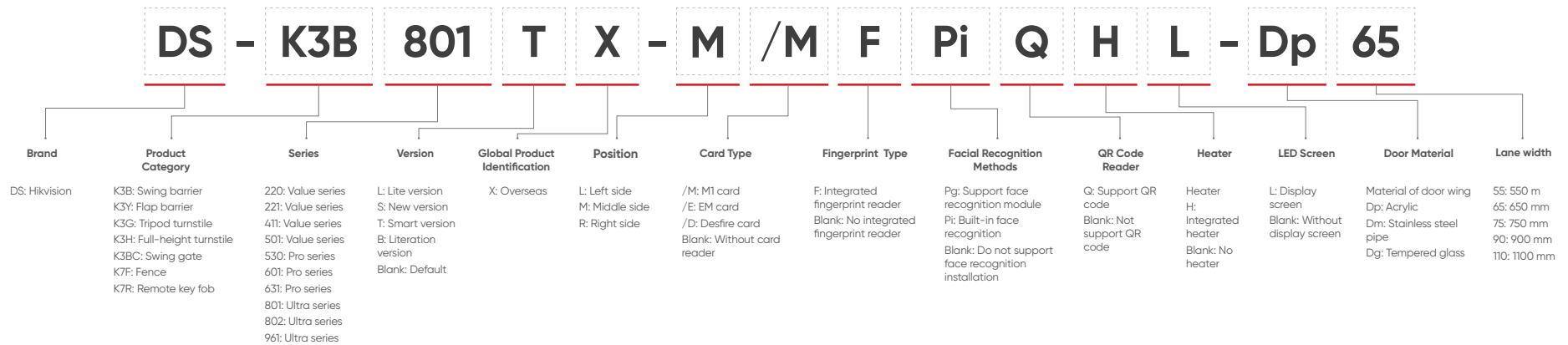
## Access Control – Fingerprint and Card Terminal Products



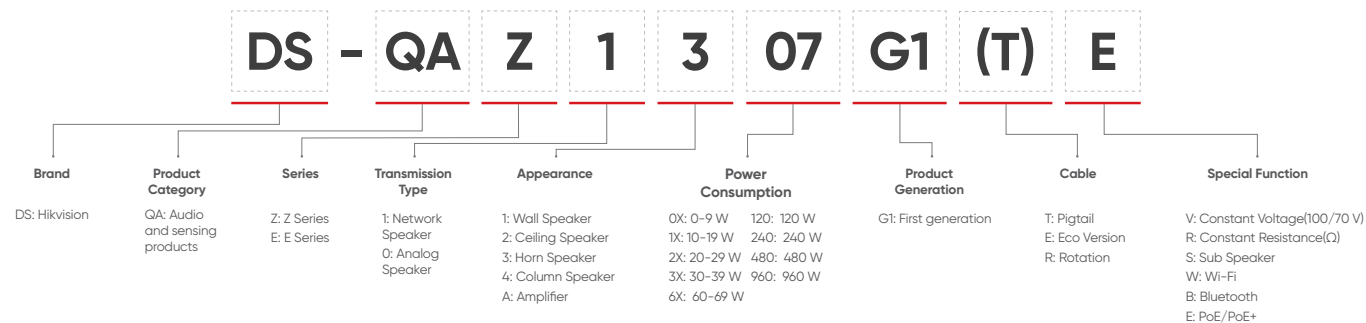
## Access Control – Access Controller Productss



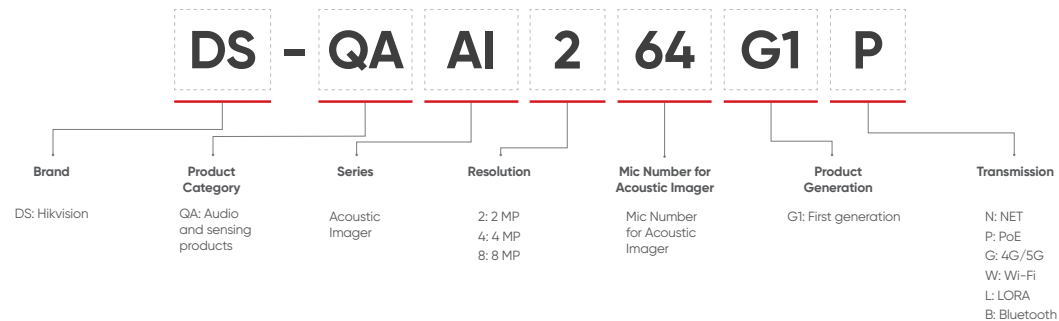
## Speed Gates



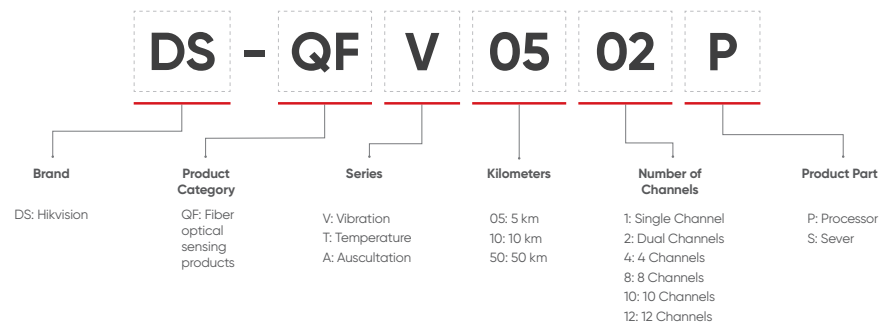
## Audio and Sensing – Network/Analog Speakers



## Audio and Sensing – Acoustic Imager



## Audio and Sensing – Optical Fiber





# PROJECT-ORIENTED PREMIUM PRODUCTS

QUICK GUIDE 2024



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[support@hikvision.com](mailto:support@hikvision.com)



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