

datavideo

PRODUCT GUIDE

2016



NEW FEATURED PRODUCTS

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KMU-100



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HS-1200

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DVP-100



SE-2850



PTC-150T



HS-1200

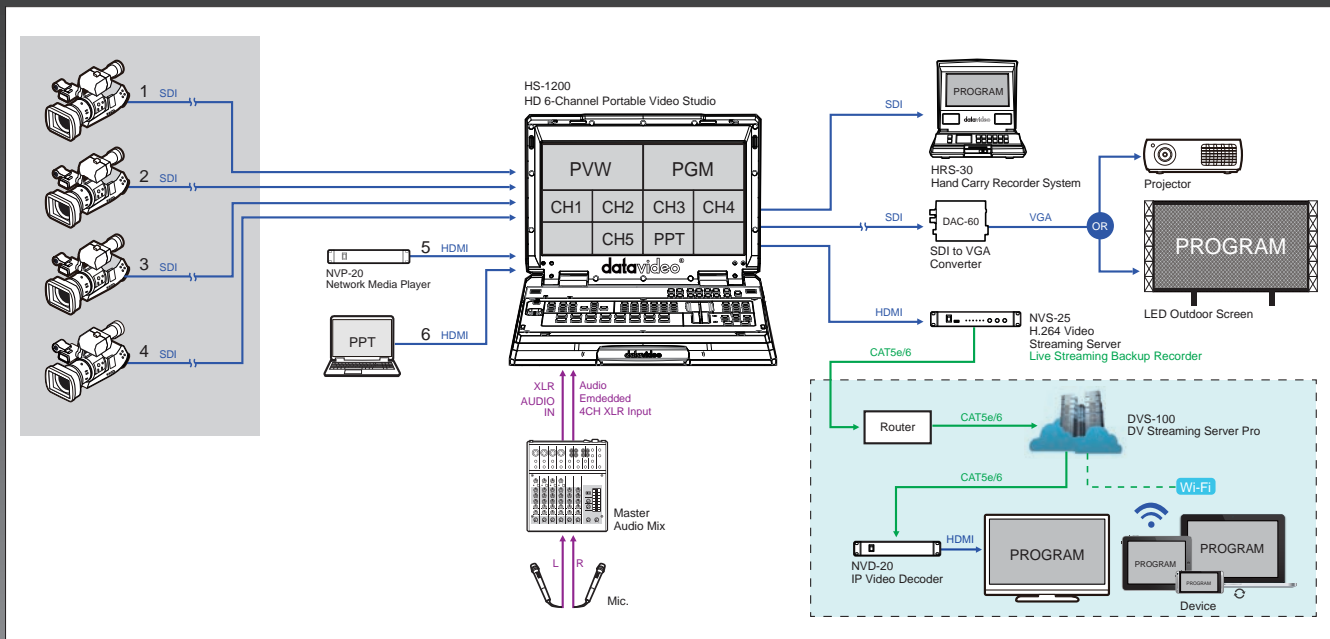
6 INPUT PORTABLE PRODUCTION STUDIO

Datavideo's HS-1200 is the most affordable HD hand carried mobile studio on the market. Switch up to 6 inputs with a portable studio that is excellent for field production applications. Ergonomic controls allow the user to switch seamlessly between video and audio sources and blend high-quality digital content on the fly. The built-in 17.3" monitor displays all incoming

video input sources as well and program and preview with tally indicator, on a single multi-view screen; making it a convenient hardware solution.

The fully integrated design of the HS-1200 includes features such as dual Chroma key, Luma key, DSK, PIP, still store, and user memories.

Workflow Diagram



KEY FEATURES

- Inputs: 4 x SDI, 2 x HDMI
- 2 x Upstream Keyers, supporting Chroma Key & Linear/Luma Key
- 2 x DSK, supporting Linear & Luma Key Modes
- 1 x PIP (assignable to any of the 4 keyers)
- Built-in 17.3" HD LCD monitor that displays Program and Preview on a single screen.





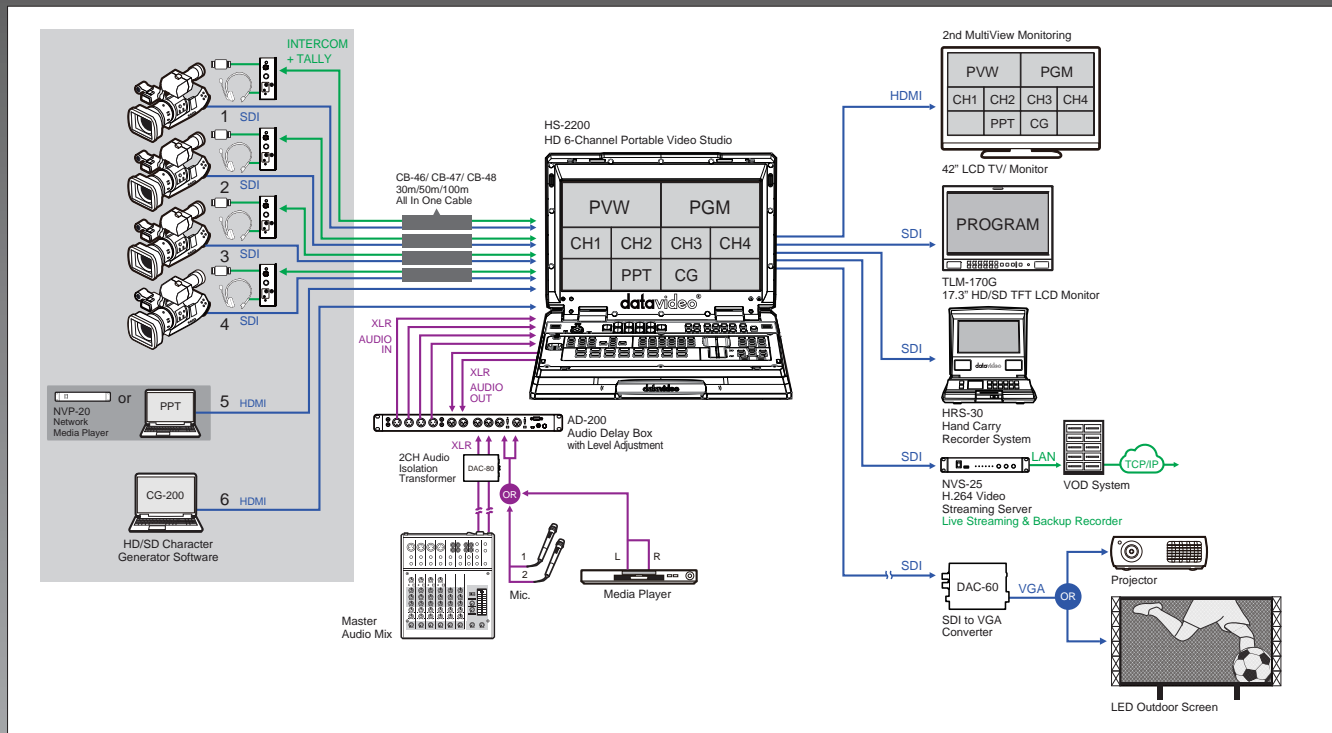
HS-2200

6 INPUT PORTABLE PRODUCTION STUDIO

HS-2200 combines the SE-2200 Switcher with a 17.3" HD LCD monitor and an 8-channel talkback/tally system. Packed into a durable case, HS-2200 is a convenient and powerful portable video studio. HS-2200 includes a built-in monitor for displaying all incoming input video sources as well as program and preview with a tally indicator, all on a single multi-view screen.

HS-2200 also features an 8-channel intercom system complete with tally lights, belt packs, and headsets (supplied with four cameraman belt packs & four 20m cables).

Workflow Diagram



KEY FEATURES

- Inputs: 6 x SDI, 2 x HDMI (CH 5 & 6)
- Dual PIP and a built-in title creator system that works with Datavideo CG systems, PowerPoint and other graphics programmes
- Built-in 8-channel intercom/talkback system (4 x belt packs supplied)
- Built-in 17.3" HD LCD monitor that displays Program and Preview on a single screen.





HS-2800

8/12 INPUT PORTABLE PRODUCTION STUDIO

HS-2800 is a cost-effective 8-channel (upgradable to 12-channel) 10-bit broadcast-quality hand carry production studio, which accepts 1920x1080i resolution.

Featuring 8-12 digital inputs, it is designed for live events and TV programs that need to mix a variety of video and audio sources. HS-2800 is a lightweight, portable and powerful mobile studio solution.

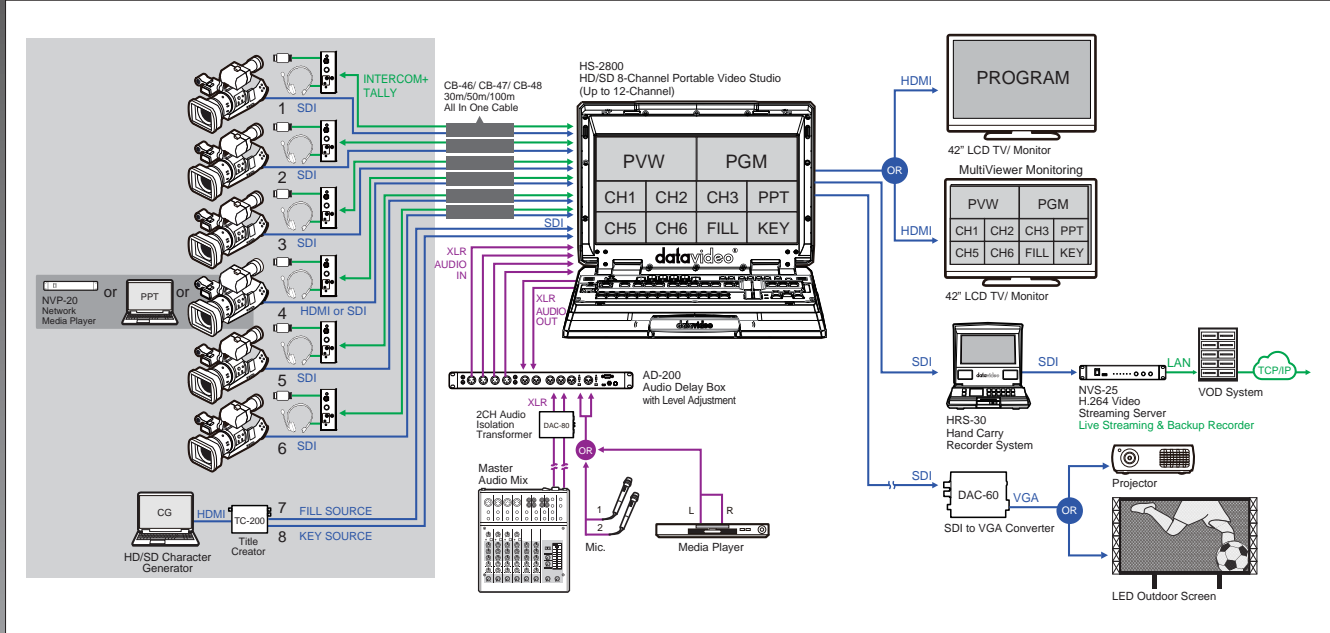
As a complete AV package, the HS-2800 HD mobile studio enables users to switch between video and audio sources and blend digital content on the fly.

Advanced features include a 17.3-inch video monitor, which displays the multi-view. The Multi-view includes all the input sources, as well as preview and program.

The system is equipped with an eight-way intercom system and is supplied with four belt packs, headsets, and tally lights for effective communication among the whole production crew.

The HS-2800 is ideal for TV and video professionals working with outside broadcast or on-the-go video studios, such as theatres or conference centers.

Workflow Diagram






KEY FEATURES

- Inputs: [HD Mode] 8 x SDI / 6 x SDI + 2 x HDMI
[SD Mode] 8 x SDI / 4 x SDI + 2 x HDMI
- Optional 4-channel upgrade (to 12CH)
- 2 x assignable SDI outputs
- 2 x DSK, supporting Key and Fill
- 2 x PIP displays with user-defined borders
- Tally, GPI interface, and RJ45 for firmware upgrade
- Audio delay up to 16 fields or 8 frames
- Built-in 17.3" HD LCD monitor that displays Program and Preview on a single screen.





Model	HS-2800	HS-2200	HS-1200
			
Video Standard	HD & SD	HD / SD	HD
Video Format	1080i 50/59.94/60Hz 576i 50Hz, 480i 59.94Hz	1080i 50/59.94/60Hz 720p 50/59.94/60 Hz	1080i 50/59.94/60Hz 720p 50/59.94/60Hz
Input Routable / Crosspoint	Fixed	All 6, repeatable	All 6, repeatable
Video Input	Standard: 8x SDI, 2x HDMI, 4x CV Max: 12x SDI, 3x HDMI, 6x CV	6x HD-SDI, 2x HDMI (on CH5 & 6)	Total 6 inputs 2 HDMI (RGB/YVU, 1080p/1080i/720p) 4 SDI (1080i/720p)
Computer Graphic Interface	Max 3 via HDMI	2 via HDMI	2 via HDMI
Down-converted output	2x SDI	N/A	N/A
Video output	2x SDI assignable: PGM, PVW, AUX & Clean Out 1x HDMI assignable: PGM & Multi-view	5x SDI Outputs assignable: AUX 1-4, PGM, PVW, PGM Clean or Multi-view 1x HDMI assignable: PGM or Multi-view	1 HDMI + 2 SDI
Audio input	4x Balanced XLR	4x Balanced XLR	2 x XLR (2 x Analogue)
Audio output	2x Balanced XLR	2x Balanced XLR	N/A
Embedded audio support	Input up to 16 channels, Output 4 channels	Input up to 16 channels, Output 4 channels	2 ch Audio embedded
Audio Delay Calibration	Up to 8 frames	N/A	N/A
A+V switching	Yes	Yes	N/A
DSK	2x DSK support Luma-key & Linear key (Key / Fill)	1x DSK support Luma-key & Linear key (Key / Fill)	2x DSK support Luma-key & Linear key (Key / Fill)
Picture in Picture	2	2	1
Logo Insertion	2 (or 1 logo + 1 clock)	2 (or 1 logo + 1 clock)	N/A
Built-in Audio Mixer	N/A	N/A	- master gain control - selectable audio follow video
Built-in Monitor Display	17.3" HD TFT LED back-lit, 1600x900 pix		
Built-in Intercom & Tally	8 channels (4 belt-packs incl.)	8 channels (4 belt-packs incl.)	N/A
Dimension (LxWxH)	455 x 355 x 134 mm		
Weight	19.6 Lbs (9 Kg), Reinforce Plastic Case	19.6 Lbs (9 Kg), Reinforce Plastic Case	17.6 Lbs (8 Kg), Reinforce Plastic Case
Accessory	CB-22H/ 23H/ 46/ 47/ 48/ 50		



SE-700

4 INPUT STAND-ALONE VIDEO SWITCHER

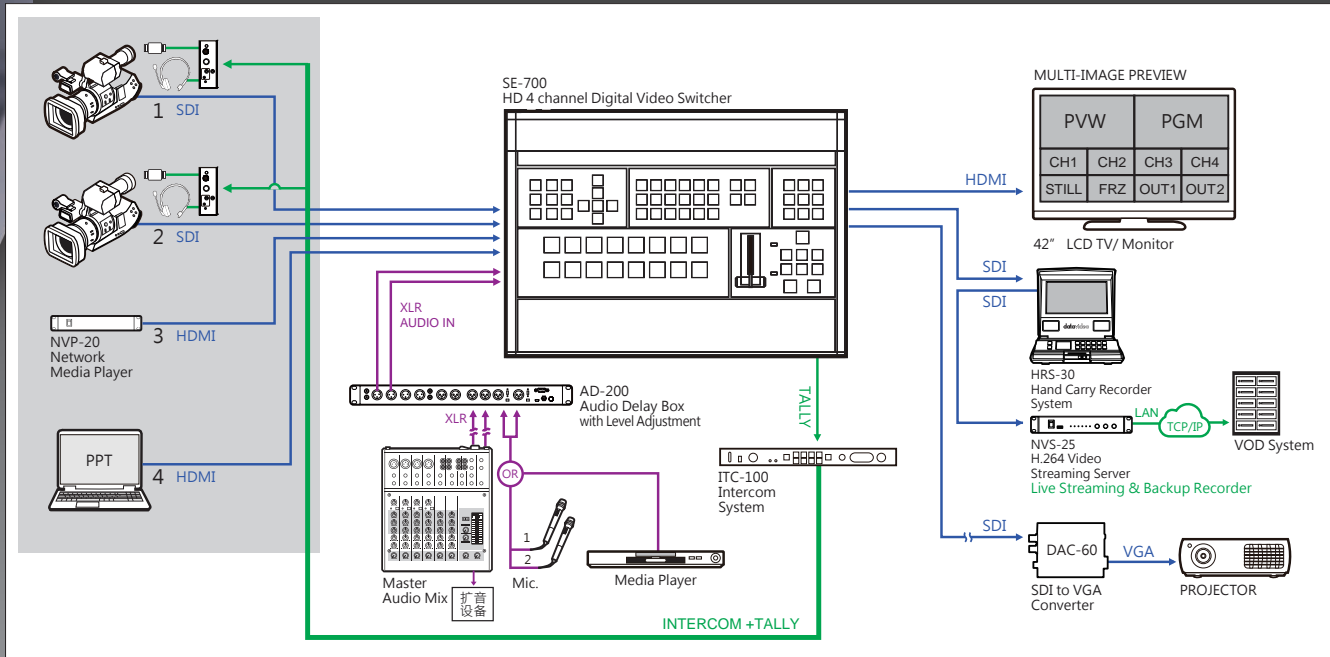
SE-700 is a cost-effective, high quality video switcher, that is easy to learn and use.

SE-700 includes two SDI and two HDMI inputs (video only). It features two assignable SDI and one HDMI output for connecting HD recorders, monitors and streaming.

Also included are two balanced XLR audio inputs for connecting an external audio mixer.

Other features include Luma Key, DSK, PIP, Wipe Generator, Still stores, Tally and RJ-45 control interface.

Workflow Diagram



KEY FEATURES

- Inputs: 2 x SDI, 2 x HDMI
- 1 x upstream keyer, supporting Linear/ Luma Key
- 1 x upstream PIP, supporting Luma Key modes as well as unkeyed mode
- 1 x DSK
- Tally & GPI output





Optional Keyboard (RMC-260)

SE-1200MU

6 INPUT STAND-ALONE VIDEO SWITCHER

Whether you're filming a seminar or conference, conducting a live outside broadcast, or shooting inside a production studio, the Datavideo SE-1200MU HD video switcher enables you to switch seamlessly between video sources and blend high-quality digital content on the fly.

SE-1200MU is a small, portable computer-controlled 1RU rack-mountable switcher. It features a 6-Channel HD video input that is incredibly reliable, unlike PC-based systems that are prone to crashing mid production.

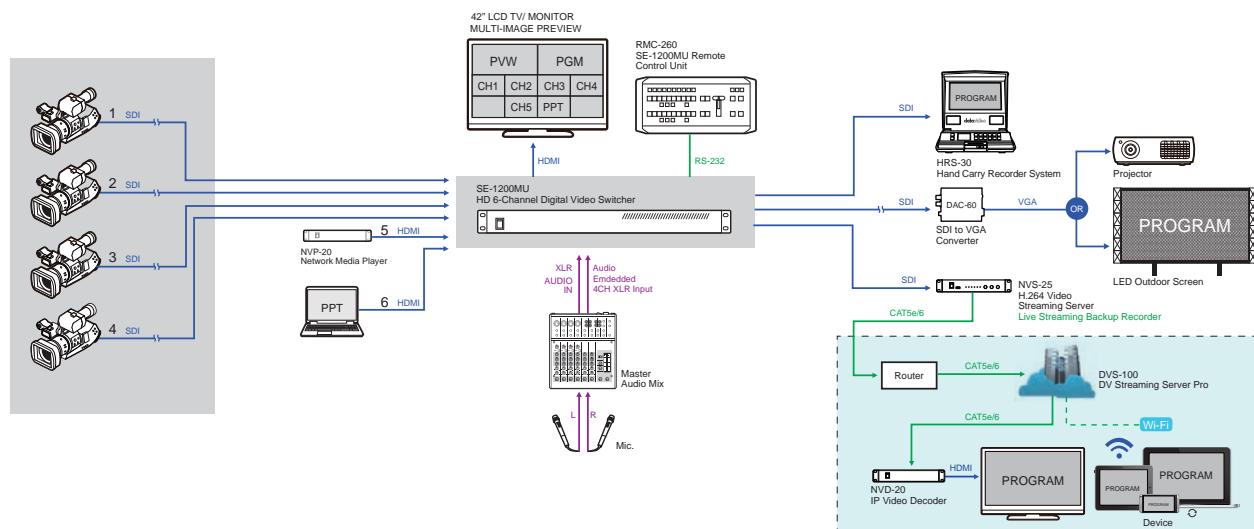
SE-1200MU streams out multi-view screen video in real-time to a control PC for monitoring and control remotely. It is designed to be fully controlled from any

Windows Laptop / PC and Android tablet / iPad / Mac with the included SE-1200 software control panel.

SE-1200MU includes four SDI and two HDMI inputs and an internal frame synchronizer so you can use sources without gen-lock such as consumer HDMI cameras or even computers for live PowerPoint™ presentations.

It has two assignable SDI and two HDMI outputs for connecting an HD recorder, monitor, and a streaming encoder, plus two Balanced XLR audio inputs for connecting an external audio mixers. Other features include chromakey, lumakey, DSK, PIP, still stores, audio delay, tally and RJ-45/RS-232 remote control interface.

Workflow Diagram



KEY FEATURES

- Inputs: 4 x SDI, 2 x HDMI
- 2 x upstream keyers, supporting chromakey & linear/luma key
- 1 x PIP assignable to any of the 4 keyers
- 2 x DSK, supporting linear & luma key modes
- Tally & GPI output
- PC & Tablet control
- Remote streaming of multi-view output using built-in Motion JPEG streaming processor
- Optional keyboard (RMC-260) available





SE-2200

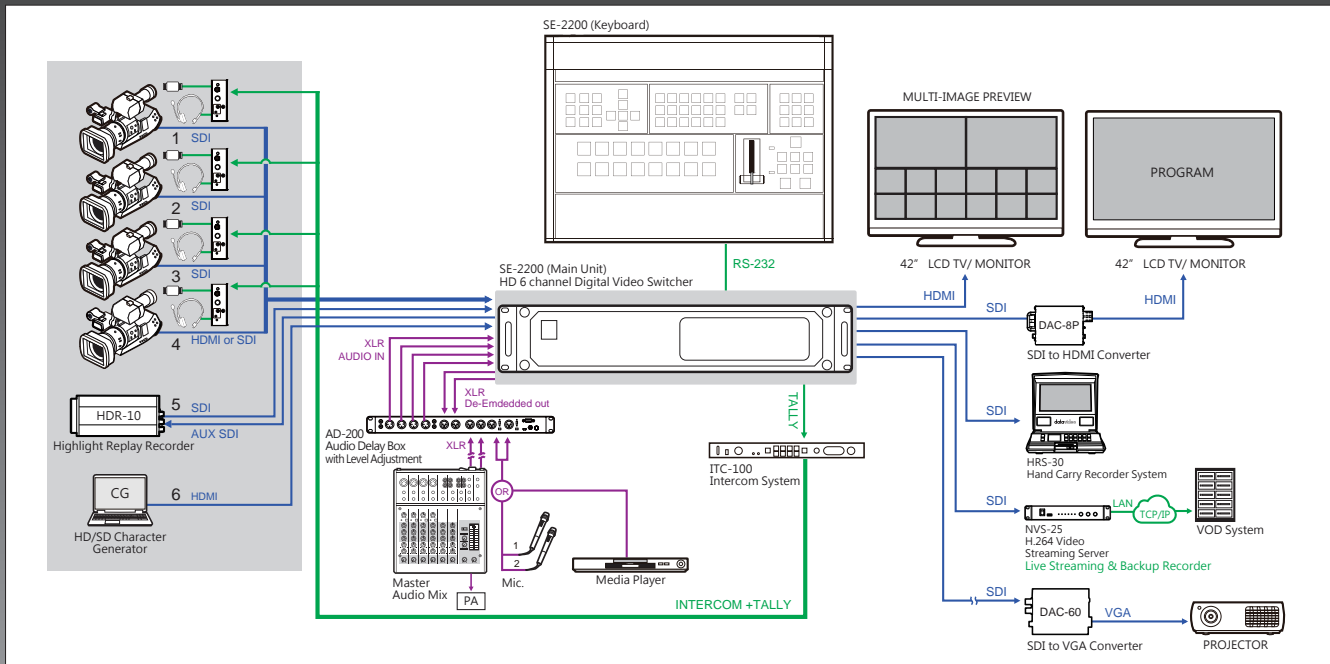
6 INPUT STAND-ALONE VIDEO SWITCHER

The SE-2200 6-input switcher is perfect for live production, religious worship, meetings, or conference purposes. It is a technically smart and cost-effective portable broadcast-quality switcher.

SE-2200 consists of 6 HD-SDI video inputs or with a combination of 4 HD-SDI and 2 HDMI inputs; all of the

inputs are reassignable, thus it is able to adapt to your needs. One of the HDMI inputs can be used to accept video from a PC/Laptop computer to work with built-in title overlay system such as Datavideo's CG solutions, including CG-200.

Workflow Diagram



KEY FEATURES

- Inputs: 6 x SDI, 2 x HDMI (CH 5 & 6)
- 6x6 SDI Genlock Matrix
- Dual PIP and a built-in title creator system that works with Datavideo CG systems, PowerPoint and other graphics programmes





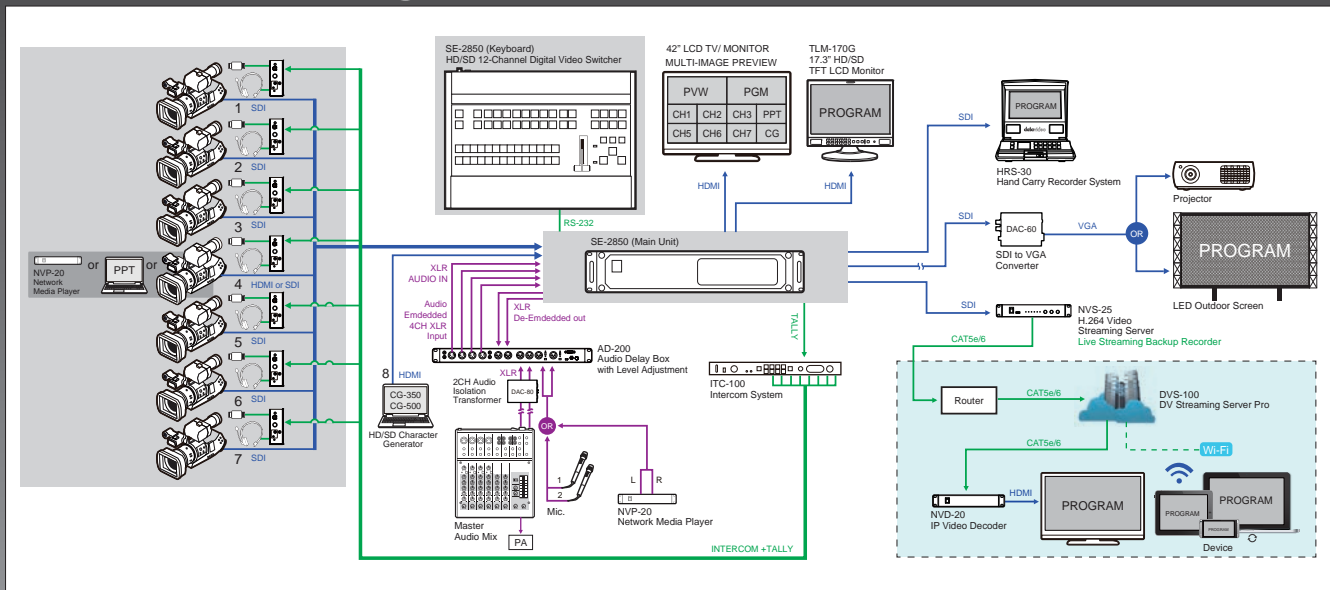
SE-2850

8/12 INPUT STAND-ALONE VIDEO SWITCHER

The SE-2850 is an 8 input (upgradable to 12) HD standalone switcher that can support up to 1080p resolution. The two-piece design allows easy system integration into standard equipment racks.

SE-2850 also comes with built in TC-200 for character generation. Despite this level of functionality, SE-2850 is a cost effective switcher that is ideal for use in live events and broadcast applications.

Workflow Diagram






KEY FEATURES




- Inputs: [HD Mode] 8 x SDI / 6 x SDI + 2 x HDMI
[SD Mode] 8 x SDI / 4 x SDI + 2 x HDMI
- Optional 4-channel upgrade (to 12CH)
- 2 x assignable SDI outputs
- 2 x DSK, supporting Key and Fill
- 2 x PIP displays with user-defined borders
- Tally, GPI interface, and RJ45 for firmware upgrade
- Audio delay up to 16 fields or 8 frames



Stand-Alone Video Switcher

Model	SE-2850	SE-2200	SE-1200MU
			
Video Standard	HD & SD	HD / SD	HD
Video Format	HD Input : 1080i 50/59.94/60Hz 1080p 25/30/59.94/60Hz HD Output :1080i 50/59.94/60Hz SD: 576i 50Hz, 480i 59.94Hz	1080i 50/59.94/60Hz 720p 50/59.94/60 Hz 576i 50Hz, 480i 59.94Hz	1080i 50/59.94/60Hz 720p 50/59.94/60Hz
Video Processing	SDI: 4:2:2 HDMI: YUV 4:2:2, RGB 4:4:4	SDI: 4:2:2 HDMI: YUV 4:2:2, RGB 4:4:4	SDI: 4:2:2 HDMI: YUV 4:2:2, RGB 4:4:4
Input Routable / Crosspoint	All 12, repeatable	All 6, repeatable	All, repeatable
Video Input	Standard: 8x SDI, 2x HDMI, 4x CV Max: 12x SDI, 3x HDMI, 6x CV	6x HD-SDI, 2x HDMI (on CH5 & 6)	4x HD-SDI 2x HDMI (RGB/ YUV/1080i/1080p/720p)
Mix HD & SD source	Yes	N/A	N/A
Computer Graphic Interface	Max 3 via HDMI	2 via HDMI	2 via HDMI
Video output	4x SDI assignable: PGM, PVW, AUX & Clean Out 2x HDMI assignable: PGM & Multi-view	6x SDI Outputs assignable: AUX 1-4, PGM, PVW, PGM Clean & Multi-view 2x HDMI assignable: PGM & Multi-view	2x HD-SDI & 2x HDMI assignable: PGM(w/DSK 1&2), PGM(w/ DSK 1),PGM Clean, PVW(w/o DSK), Multi-view, Input 1-6
Down-converted output	Yes, 2x SDI (CH2 & CH3)	N/A	N/A
Built-in Multi-view Out	2x HDMI	2x HDMI	HDMI & Ethernet (MJPEG)
Audio input	4x Balanced XLR	4x Balanced XLR	2x Balanced XLR
Audio output	2x Balanced XLR	2x Balanced XLR	N/A
Embedded audio support	Input up to 16 channels, Output 4 channels	Input up to 16 channels, Output 4 channels	Only embedded analog audio
Audio Delay Calibration	Up to 8 frames	N/A	N/A
A+V switching	Yes	Yes	N/A
Chromakey	N/A	N/A	2 Keyers
DSK	2x DSK support Luma-key & Linear key (Key/ Fill)	1x DSK support Luma-key & Linear key (Key / Fill)	2x DSK support Luma-key & Linear key (Key / Fill)
Picture in Picture	2	2	1
Logo Insertion	2 (or 1 logo + 1 clock)	2 (or 1 logo + 1 clock)	N/A
Still Store	12	6	24
Effects	FTB, Cut, 8 Wipe with border	FTB, Cut, 8 Wipe with border	FTB, Cut, 32 Wipe with border
Transition on Preview	PIP & DSK	PIP & DSK	Full transitions preview
Sync / Reference In/Out	Built-in Genlock . Support external sync with loop thru	Built-in Genlock	Built-in Genlock
Tally Output	1x D-sub 25pin, dual color	1x D-sub 25pin, dual color	1x D-sub 15pin, dual color
PC Remote Control	Ethernet or RS-422 / RS-232	Ethernet or RS-422 / RS-232	Ethernet or RS-232
Built-in Audio Mixer	N/A	N/A	N/A
Special Features	2-CH SD downconvert output	6x6 Matrix seamless switch, built in CD System	Motion JPEG Multi-view streaming
Chassis	2 units, rack-mount mainframe	2 units, rack-mount mainframe	1RU Rack-mount
Power	DC 12V 48W	DC 12V 32W	DC 12V 30W
Accessory		CB-46/ 47/ 48/ 50 (30/ 50/ 100m)	

Stand-Alone Video Switcher

Model	SE-700	SE-600	SE-500
			
Video Standard	HD	SD	SD
Video Format	1080i 50/59.94/60Hz 720p 50/59.94/60Hz	NTSC, PAL	NTSC, PAL
Video Processing	SDI: 4:2:2 HDMI: YUV 4:2:2, RGB 4:4:4	4:2:2	4:2:2
Input Routable / Crosspoint	All 4, repeatable	All 8, repeatable	Fixed
Video Input	2xHD-SDI 2xHDMI	6x CV, 1x DVI-D (or HDMI) 1x DVI-I (or VGA)	4x CV or 4x Y/C
Mix HD & SD source	N/A	2 built-in down-converter on DVI-D & DVI-I input	N/A
Computer Graphic Interface	2 via HDMI	2 via DVI-D, HDMI or VGA	N/A
Video output	2x HD-SDI & 1x HDMI assignable: PGM(w/DSK),PGM Clean, PVW (w/o DSK),Multi-view, Input 1-4	2xCV + 1xY/C or 1xCV + 1xYUV: PGM 2xCV: AUX 1 2xCV: AUX 2 2xDVI-D: Multi-view Option: 2x DV & 2x SDI	2x CV & 1x Y/C or 1x CV & 1x YUV 1x CV Quad Preview
Down-converted output	N/A	N/A	N/A
Built-in Multi-view Out	HDMI	2x DVI-D	1x CV
Audio input	2x Balanced XLR	2x Balanced XLR (Line / Mic) 2x Unbalanced RCA (pair)	2x 1/4" Mic jack 2x Unbalanced RCA (pair)
Audio output	N/A	2x Balanced XLR 2x Unbalanced RCA (pair)	2x Unbalanced RCA (pair)
Embedded audio support	Only embedded analog audio	Output only (optional SDI & DV out)	N/A
Audio Delay Calibration	N/A	Up to 700ms / 17 frames	N/A
A+V switching	N/A	Yes	N/A
Chroma key	1	N/A	N/A
DSK	1	1x Luma key	N/A
Picture in Picture	1	2	1
Logo Insertion	N/A	2	N/A
Still Store	24	2	N/A
Effects	FTB, Cut, 32 Wipe with border	FTB, Cut, Mosaic, Paint, Monochrome, 14 Wipe with border	Quad, Split, 11 Wipe with border
Transition on Preview	Full transitions preview	Transition & Effect	Yes
Sync / Reference In/Out	N/A	Built-in Genlock	Built-in Genlock
Tally Output	1x D-sub 15pin, dual color	2x D-sub 15pin, dual color	1x D-sub 15pin, dual color
PC Remote Control	Via Ethernet	Via RS-422	Via RS-232
Built-in Audio Mixer	N/A	3 channels	3 channels
Special Features	6 Macro Memory Preset	3 Macro Memory Preset	N/A
Chassis	Unibody	Unibody	Unibody
Power	DC 12V 23W	DC 12V 33W	DC 12V 18W
Accessory		CB-46/ 47/ 48/ 50 (30/ 50/ 100m)	



KMU-100

4K MULTI-CAMERA UNIT

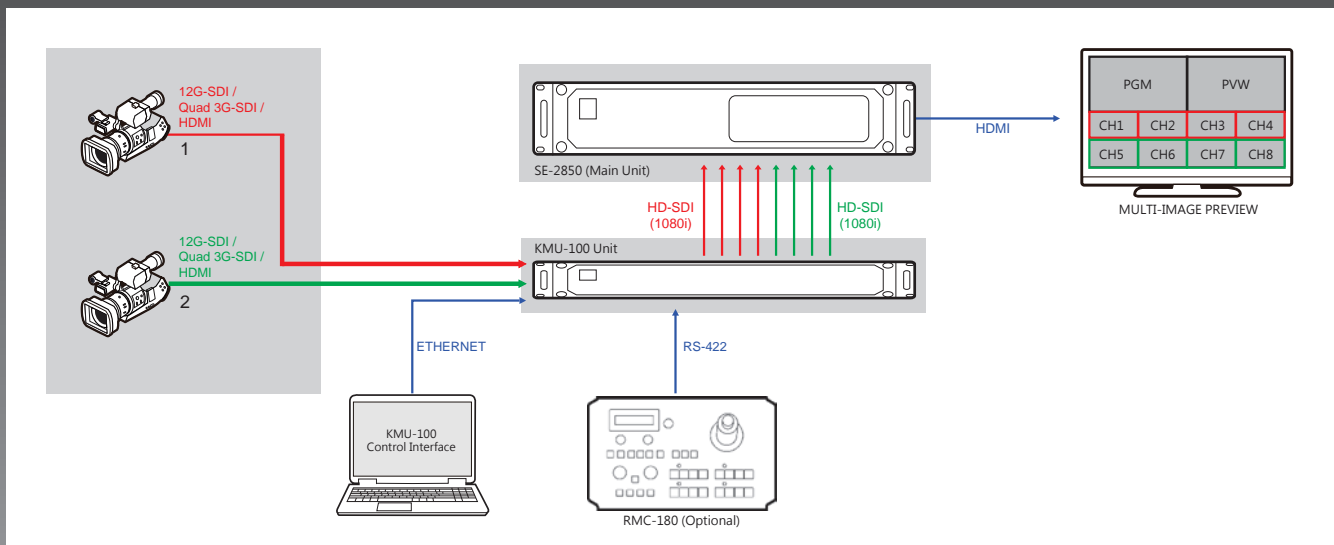
4K



Datavideo's all new KMU-100 is an affordable 4K multi-camera production solution that delivers multiple virtual full HD (up to 1080p) scaled camera angles with minimal installation cost and simple operation. The basic concept is straightforward: The output of a single 4K/UHD camera is connected to KMU-100, which then displays up to four 16x9 user-defined cropped windows that are sent out as four separate HD signals through HD-SDI.

These user defined windows can be scaled to zoom in on a particular subject that you would like to highlight on the 4K signal. An additional 4K camera could be connected to allow up to eight defined outputs from the two 4K signals. As an option, the Datavideo RMC-180 camera controller can be added to easily pan, tilt, and zoom to create the user defined windows on the 4K signal. You can set up these shots in advance and save them as presets, or you can do it in real-time.

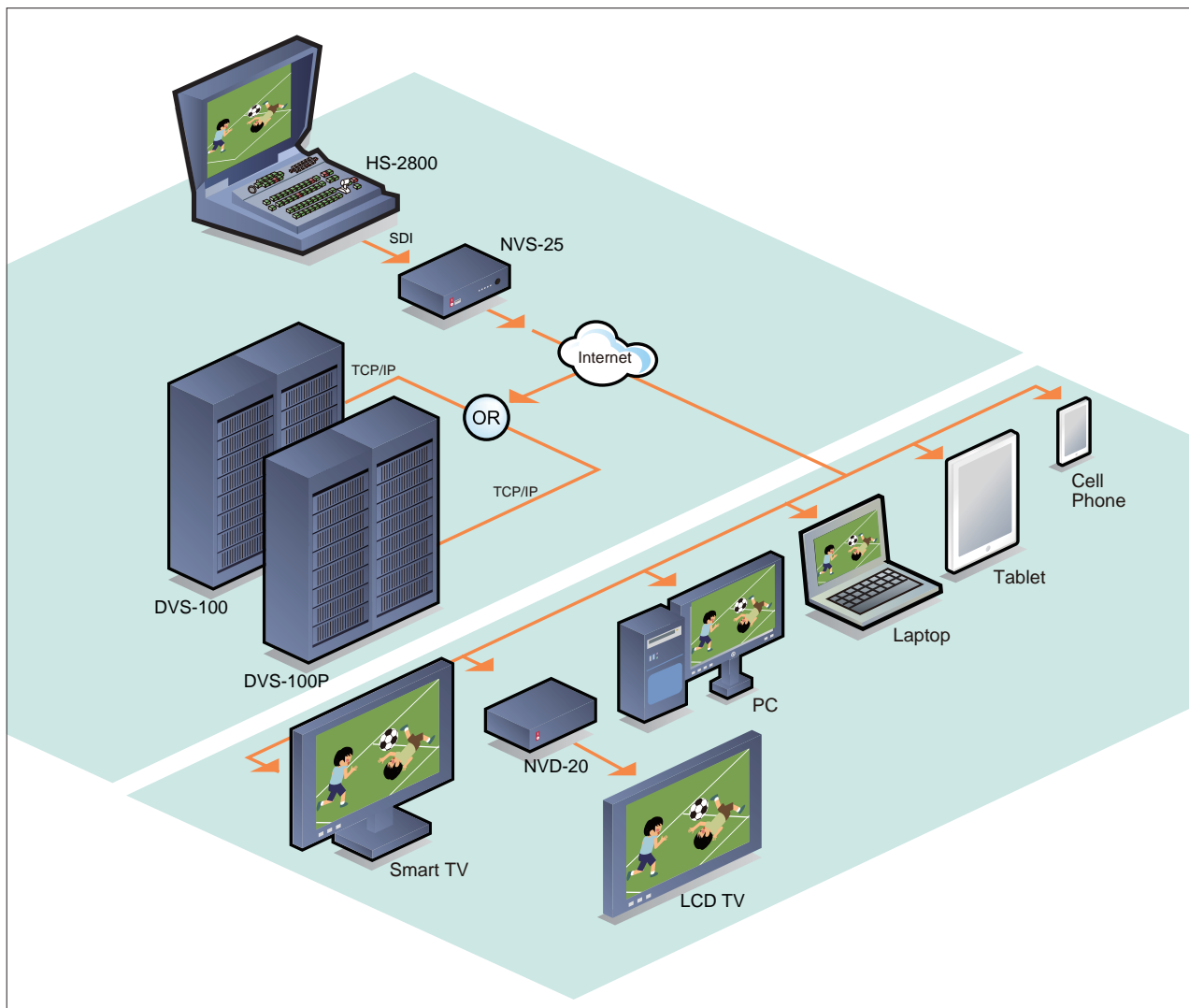
Workflow Diagram



KEY FEATURES

- Inputs: 2 x 12G/HD-SDI, 2 x HDMI, 1 x Display Port
- User selectable areas of interest selections for each output channel.
- Output sources can be animated (zoom in/out or pan left/right).
- Configurable Multi-viewer Output
- User Friendly PC/MAC Control Interface
- Optional RMC-180 for Pan/Tilt/Zoom Control
- Video Outputs: 8x 3G/HD/SD-SDI, 2x HDMI





H.264 Video Streaming Server

NVS-25

H.264



NVS-25 is a small, easy-to-use video streaming and recording appliance designed for professional video producers who need to simultaneously stream a live event and record for post-event editing. From any HDMI / SDI / CVBS input source such as a camera or switcher, NVS-25 generates an H.264-encoded stream compliant with RTSP / RTMP / HLS protocols. While encoding the video for live streaming, NVS-25 can simultaneously record a MP4 or .TS file to a USB storage device. NVS-25 is remotely controlled using a Windows / Apple PC or mobile device with a web browser. Designed for use on the desktop or in a rack.

- Broadcast quality HD / SD H.264 network streaming
- H.264 / AVC video CODEC, up to High Profile Level 4.0

- Input source: NVS-25 can accept SDI / HDMI / CVBS source input.
- Flexible source input: Analog audio input for 2 channels (Audio input selectable Analogue <balanced/ unbalanced> or SDI/HDMI embedded source.) SDI and HDMI can also select
- Network feature: Support DHCP Client, RTSP over TCP/UDP/HTTP with MPEG TS. RTMP, HLS protocols. Unicast Only.
- Flexible video scaler presets for streaming
- Supports 3 types of GOP structure: IBBP, IPPP and IBP.
- Web UI for system configuration and FW upgrade.
- Support De-interlaced video streaming output.
- Storage by USB device (Up to 1TB storage device).

DV Streaming Server DVS-100

DV Stream Server – FREE Software download
Provided as an installer for Debain based Linux distributions

- Simple automatic point to point connection anywhere in the world between NVS & NVD units
- Provides RTMP & HLS streams for playback in VLC and other players



DV Streaming Server Pro DVS-100P

Upgrade for DV Stream Server.

License per instance (i.e. per Cloud or Local Server)

Adds the following features :

- Auto / Manual Record of Streams
- VOD
- Channel List Publish (2 lists : Live, On Demand) – upload your own files for playout
- Embedded Video Player
- Restrict viewing of certain channels to registered account holders.

IP Video Decoder NVD-20/25



A wired IP video decoder with HDMI, Composite and analogue audio outputs. The NVD-20 decodes all common IP streams and can output SD/HD video at resolutions up to 1080p60. The NVD-20 is the perfect partner to the Datavideo NVS-25 IP encoder allowing full HD point to point video links over Ethernet, WiFi or the Internet.

- Operates on standard 10/100Mb Ethernet networks
- Excellent image quality with very low delay
- Unicast and multicast support
- Supports RTSP over UDP (Unicast/Multicast), RTSP over TCP, RTSP over HTTP, MPEG-TS over UDP, RTMP over TCP, UDP raw (Unicast/Mu1HLS over HTTP)
- Feature-rich WebUI for configuration and control
- Built in video scaler
- Simultaneous digital embedded and analogue audio output
- IR Control (via optional USB IR adapter kit, inc. IR Remote)
- Channel List Download from DV Stream Server Pro
- Channel Select and Volume Control (with optional IR adapter kit)
- Application to control multiple NVD units remotely over IP
- 12V DC input
- SDI, HDMI & composite video outputs (**NVD-25 only**)

Network Media Player NVP-20



The Datavideo NVP-20 is a fully automated remotely controlled H.264 video player. Video files can be added to the media player by copying to a USB device or can be transferred over the network using FTP.

The user can create and load playlists as well as remotely controlling video playback. With the addition of a USB keyboard, the NVP-20's on screen display means the unit can be used without IP control.

Video playback can also be triggered via GPI.

- Operates on standard 10/100Mb Ethernet networks
- Support multiple playlists
- Excellent image quality up to 1080p60
- Supports mp4, H.264, .mkv, .mov, .TS
- IP control supports play next clip, play all clips, loop play all clips, pause, resume and seek
- Supports NTFS and FAT/FAT32 formatted USB storage
- Feature-rich WebUI for configuration and control
- Built-in video scaler
- HDMI and Composite video output
- Supports simultaneous digital embedded and analogue audio output
- 12V DC input



PTC-150

HD/SD PTZ VIDEO CAMERA

The PTC-150 HD PTZ video camera with a 30x optical zoom can be mounted on a wall, ceiling, floor or a tabletop and includes an IR remote control.

The 1920 x 1080 resolution camera features wide dynamic range with backlight compensation. The camera's image mirror and image rotation functions allow you to electronically orient the image to adjust for the position in which the PTZ has been located.

16 programmable position presets including pan, tilt and zoom positions, allow the camera to quickly move between predetermined camera positions using the remote, or an available PTZ controller.

For multi-camera shoots, the built-in tally light can identify when it is the active camera. The camera features a built-in IR cut filter for low light shooting. PTC-150 supports real time position reporting by per frame, providing useful information for virtual studio applications.

The camera supports Sony VISCA protocol for PTZ control using RS-422 protocols over the unit's RJ-45 port.



PTC-150T

ETHERNET

RECEIVER



SDI



PTC-150T

HDBaseT PTZ VIDEO CAMERA







The PTC-150T HD/SD Video Camera is a PTZ camera that is equipped with HDBaseT Technology for remote control purpose, video image conveyance, power transmission and Ethernet connection.

The camera captures HD video at 1920 x 1080 resolution, and features wide dynamic range with backlight compensation. PTC-150T also has a receiver box that allows the user to control the camera at a remote location with just one Ethernet cable. The camera supports Sony VISCA protocol for PTZ control using RS-422 interface over the unit's RJ-45 port.



HD/SD-SDI PTZ Camera

Model	PTC-150	PTC-150W	PTC-120
			
Video format	1080p 59.94/50/29.97/25 Hz 1080i 59.94/50 Hz 720p 59.94/50 Hz 480i, 576i (on CVBS)		1080p 60/59.94/50/30/29.97/25 Hz 1080i 60/59.94/50 Hz 720p 60/59.94/50/30/29.97/25 Hz 480i, 576i (on CVBS)
Image Sensor	1/2.8" type progressive scan CMOS sensor		1/2.8" type CMOS
Effective Pixels (approx.)	2.14 Mega pixels		2 Megapixels
Min. Illumination	Color : 0.4 lx B/W : 0.03 lx (F1.6, 1/30 sec, 50IRE, Gain: High)		5 Lux
Electronic Shutter	1/50 (1/60), 1/120 (1/100), 1/250, 1/500, 1/1000 sec		1/1 ~ 1/10,000 sec
Zoom Ratio	30x Optical zoom		20x Optical zoom ; 12x Digital zoom
Gamma Control	Off / Normal / Standard Mode 1-4		Yes, 4 modes
Iris Control	Auto / Manual		Auto
Digital Noise Reductions	Yes		2D & 3D
White Balance	AWB / MWB /One push WB /Outdoor / Indoor / Fluorescent		Auto / Indoor /Outdoor /One-Push / Manual
AGC / Gain Control	Auto / Manual Max. Gain Limit		Auto / Manual
Mirror / Flip Image	Yes		Yes
Focus Mode	Auto / Manual		Auto / Manual
Panning/Tilting Range	Pan: 270° , Tilt: +90° to -20°		Pan: 340° , Tilt: +90° to -30°
Panning/Tilting Speed	Manual: 1~150°/Sec Swing: 1~150°/Sec		1~300°/sec
Preset	50 Position		128 Position
Field of View (Horizontal, Wide)	Approx. 63.7 degrees (WIDE END) / 2.3 degrees (TELE END)		63°
Image Compensation	Day & Night function		Backlight, Exposure
Video Output	3G-SDI x 1, HDMI x 1, CVBS x 1		3G-SDI x 1, DVI-D x 1 Component x 1, CVBS x 1
Tally LED	Dual color (Red, Green)		N/A
Filter	Yes		N/A
Remote Control Interface	RS-422, DVIP (RJ45)		RS-232 & RS-422
Camera Control Unit	RMC-180		RMC-190
Accessories	----		CB-55, CB-57
color	dark blue	white	dark blue
Camera Control Unit	RMC-180		RMC-190
			
Maximum Camera Control	4		7
Present Position	4 for each camera		128 for each camera
Control Protocol	Sony VISCA		Sony VISCA / Pelco D
Connection to Cameras	Point to Point		Daisy Chain

Model	PTC-150T	PTC-150TW
		
Video format	1080p 59.94/50/29.97/25 Hz 1080i 59.94/50 Hz 720p 59.94/50 Hz 480i, 576i (on CVBS)	
Image Sensor	1/2.8" type progressive scan CMOS sensor	
Effective Pixels (approx.)	2.14 Mega pixels	
Min. Illumination	Color : 0.4 lx B/W : 0.03 lx (F1.6, 1/30 sec, 50IRE, Gain: High)	
Electronic Shutter	1/50 (1/60), 1/120 (1/100), 1/250, 1/500, 1/1000 sec	
Zoom Ratio	30x Optical zoom	
Gamma Control	Off / Normal / Standard Mode 1-4	
Iris Control	Auto / Manual	
Digital Noise Reductions	Yes	
White Balance	AWB / MWB /One push WB /Outdoor / Indoor / Fluorescent	
AGC / Gain Control	Auto / Manual Max. Gain Limit	
Mirror / Flip Image	Yes	
Focus Mode	Auto / Manual	
Panning/Tilting Range	Pan: 270° , Tilt: +90° to -20°	
Panning/Tilting Speed	Manual: 1~150°/Sec Swing: 1~150°/Sec	
Preset	50 Position	
Field of View (Horizontal, Wide)	Approx. 63.7 degrees (WIDE END) / 2.3 degrees (TELE END)	
Image Compensation	Day & Night function	
Video Output	HDMI (V1.3) x 1, HD-SD-SDI x 1 CVBS x 1, HDBaseT x 1 to PTC-150T Receiver Boxw	
Tally LED	Dual color (Red, Green)	
Filter	Yes	
Remote Control Interface	RS-422, HDBaseT (RJ-45) ; DVIP on Reciver Box	
Camera Control Unit	RMC-185	
Accessories	----	
color	dark blue	white




Hand Carry Recorder System




HRS-30



HRS-30 is a portable recording and playback system which provides instant preview of recorded footage, mark points during live recording, highlight clips to replay in slow motion and batch playback of all marked highlight clips in the same folder.



Model	DN-600	DN-700	DN-60A
			
Video Standard	SD & HD-ready (HDV)		SD & HD-ready (HDV)
Video Format	SD: NTSC, PAL DV/DVCPRO25: 576i 50Hz, 480i 59.94/60Hz HDV: 1080i 50/59.94/60Hz, 720P 50/59.94/60Hz		DV/DVCPRO25/DVCPRO50: 576i 50Hz, 480i 59.94/60Hz HDV: 1080i 50/59.94/60Hz 720P 50/59.94/60Hz
Supported Video Input Signal	1x CV 1x DV / HDV (IEEE1394 6-pin)		1x DV / HDV (IEEE1394 6-pin)
Monitoring/ Playback Out	1x CV 1x DV / HDV (In/Out share)		1x DV / HDV (In/Out share)
Analog Audio Input & Audio Output	2x Balanced XLR (Stereo pair) 2x Unbalanced RCA (Stereo pair)		N/A
Embedded Audio	DV / HDV In/Out (2-CH)		DV / HDV In/Out (2-CH)
Storage	2.5" Hard Drive / SSD*, Max 750GB		Compact Flash card*
Estimated Record Time (min per 10GB)	SD / DV: 46 HDV: 50 (1080i) ~ 65 (720P)		SD / DV: 46 HDV: 50 (1080i) ~ 65 (720P)
Content Retrieval	- Removable Drive/ SSD, transfer via USB2.0 - transfer via IEEE1394 (Firewire)		Removable CF card,
Storage File System	NTFS, FAT32 (read/write on Window & MAC)		NTFS, FAT32 (read/write on Window & MAC)
Recorded File Format	SD / DV: AVI, MXF OP1A, MOV HDV: M2T		SD / DV: AVI, MXF OP1A, MOV HDV: M2T
Video Recording Bit Rate/ Color Sampling	SD / DV: 25Mbps, 4:2:0 DVCPRO25: 25Mbps, 4:1:1 HDV: 25Mbps, 4:2:0		SD / DV: 25Mbps, 4:2:0 DVCPRO25: 25Mbps, 4:1:1 DVCPRO50: 25Mbps, 4:2:2 HDV: 25Mbps, 4:2:0
Audio Recording Format	MPEG-1 Layer 2, 384kbps Sampling rate 48KHz (16bit), 32KHz (12bit)		MPEG-1 Layer 2, 384kbps 48KHz (16bit), 32KHz (12bit)
Time code in/out	Yes		via embedded DV/HDV only
External Sync/Genlock	N/A		N/A
PW. fail protect			
Chassis	Desktop	1RU	Handheld/Cam-mount

Model	HRS-30	HDR-60	HDR-70
			
Video Standard	HD & SD	HD & SD	
Video Format	1080p 23.97/24Hz , 1080i 50/59.94/60Hz , 720p 50/59.94/60Hz , 576i 50Hz, 480i 59.94/60Hz	1080P 23.97/24Hz, 1080i 50/59.94/60Hz 720P 50/59.94/60Hz, 567i 50Hz, 480i 59.94/60Hz	
Video Inputs	1x SDI	1x SDI	
Monitoring/ Playback output	1x SDI (input loop thru) 1x HDMI, 1x SDI (Out)	1x SDI (input loop thru) 1x HDMI, 1x SDI (Out)	
Audio Output	3.5Ø phone jack (output)	2x Balanced mini XLR (Stereo pair)	2x Balanced XLR (Stereo pair)
Embedded Audio	SDI Input / Output (8CH), HDMI Output (8CH)	Both In & Out (8-CH on SDI & 4-CH on HDMI)	
Storage Medium	SSD: 120GB / 256GB / 512GB	2.5" Hard Drive / SSD*, Max 750GB	
Estimated Record Time (min per 10GB)	SD: 22 (50Mbps) ~ 75 (8Mbps) HD: 10 (125Mbps) ~ 68 (10Mbps)	SD: 19 (50Mbps) ~ 70 (8Mbps) HD: 8 (125Mbps) ~ 62 (10Mbps)	
How to Retrieve Recorded Content	Removable Hard Drive / SSD	Removable Hard Drive / SSD, transfer data via USB2.0	
Storage File System	NTFS	NTFS (read only)	
Recorded File	MXF OP1A, MOV	MXF OP1A, MOV	
Video Recording Bit Rate/ Color Sampling	MPEG2 Long GOP HD: 1. 10Mbps 4:2:0 1440x1080/1280x720, 2. 25Mbps 4:2:0 1440x1080/1280x720, 3. 35Mbps 4:2:2 1920x1080/1280x720, 4. 50Mbps 4:2:2 1920x1080/1280x720, 5. 65Mbps 4:2:2 1920x1080/1280x720, 6. 120Mbps 4:2:2 1920x1080/1280x720, MPEG2 Long GOP SD 1. 8Mbps 4:2:0 720x480/720x576 (to be F/W upgrade) 2. 15Mbps 4:2:2 720x480/720x576 3. 30Mbps 4:2:2 720x480/720x576 4. 50Mbps 4:2:2 720x480/720x576 MPEG2 I-Frame Only HD 1. 80Mbps 4:2:2 1920x1080/1280x720 2. 100Mbps 4:2:2 1920x1080/1280x720 3. 125Mbps 4:2:2 1920x1080/1280x720 MPEG2 I-Frame Only SD 1. 25Mbps 4:2:2 720x480/720x576 2. 50Mbps 4:2:2 720x480/720x576	MPEG2 Long GOP HD: 1. 10Mbps 4:2:0 1440x1080/1280x720, 2. 25Mbps 4:2:0 1440x1080/1280x720, 3. 35Mbps 4:2:2 1920x1080/1280x720, 4. 50Mbps 4:2:2 1920x1080/1280x720, 5. 65Mbps 4:2:2 1920x1080/1280x720, 6. 120Mbps 4:2:2 1920x1080/1280x720, MPEG2 Long GOP SD 1. 8Mbps 4:2:0 720x480/720x576 (to be F/W upgrade) 2. 15Mbps 4:2:2 720x480/720x576 3. 30Mbps 4:2:2 720x480/720x576 4. 50Mbps 4:2:2 720x480/720x576 MPEG2 I-Frame Only HD 1. 80Mbps 4:2:2 1920x1080/1280x720 2. 100Mbps 4:2:2 1920x1080/1280x720 3. 125Mbps 4:2:2 1920x1080/1280x720 MPEG2 I-Frame Only SD 1. 25Mbps 4:2:2 720x480/720x576 2. 50Mbps 4:2:2 720x480/720x576	
Audio Recording	Uncompressed PCM	Uncompressed PCM, Sampling rate 48KHz 24bit	
Time code in/out	Yes	Yes	
External Sync/Genlock	Black Burst & Tri-level w/loop thru	Black Burst & Tri-level with loop thru	
Power Failure Protection	Content saved up to last second before failure	Content saved up to last second before failure	
Chassis	Desktop	Desktop	1RU

Portable CG Solution

HD / SD Character Generator Kit TC-200+CG-200

The combination of the TC-200 overlay unit and CG-200 brings broadcast-quality live titling to the laptop. Users can now create beautiful motion graphics in real-time without the need for a dedicated workstation - it's a significant breakthrough.

- Includes TC-200 (Title Creator) & CG-200 (Character Generator Software)
- Supports DSK function (via HDMI) or SDI overlay function
- Support HD/SD SDI input and output in Overlay mode
- Supports HD video with 1080i 50/59.94/60; 720p 50/59.94/60
- Compatible with Windows 7/8
- Supports all Windows fonts
- Multi-language support
- Supports animation including JPG, TAG, GIF, BMP, PNG

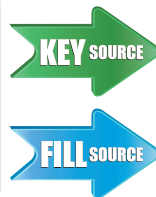


- Title editing patterns include Slide, Reveal, etc.
- Supports scrolling
- Easy logo set up
- TC-200 working voltage is 7-15V. It can be used with 7.2 V & 14.4 V batteries

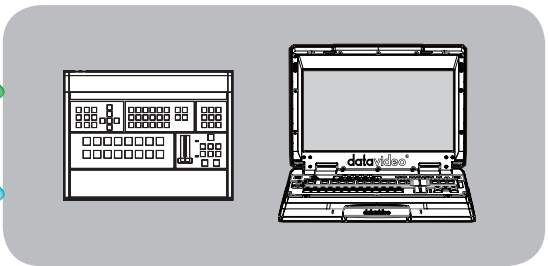
CG-200
Character Generator Software



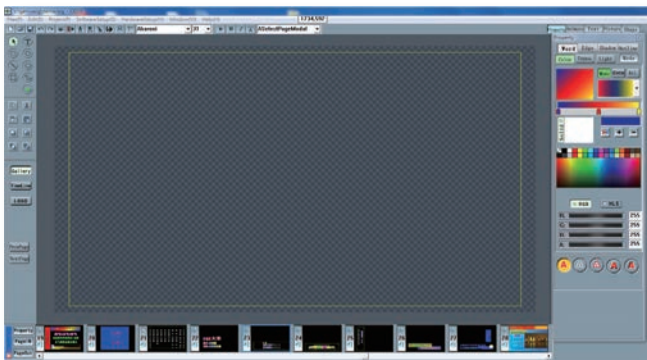
TC-200
Title Creator



Range of Switchers
with DSK Function



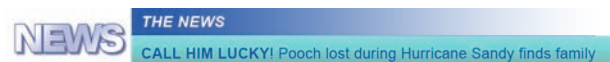
CG-250 (Optional)



Special Features of CG-250

- A variety of CG templates and text font choices
- Supports Live 3D graphic
- Key frame control
- Supports countdown clock and sport scoreboard

CG-200 Example



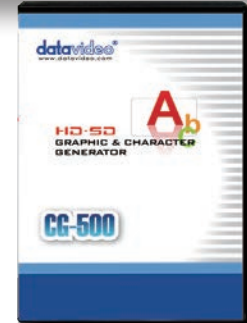
CG-250 Example



HD/SD Graphic & Character Generator CG-500





The Windows based Datavideo CG-500 graphics, titling, and character generator software is a powerful multi-layer, real-time solution for live programming and post production. It is compatible with widely available professional video hardware and supports the flexible play-out of multiple playlists, or Datavideo's TC-200 device while titles are being created. CG-500 can be used for SD or HD news, reports, weather forecasts, and entertainment programming.

Hundreds of key frame based GPU effects, such as Swirl, Explode, and Linear Light can be rendered in real-time. The software features innovative group and text playing by character, by line, and by text, with fully dynamic textures.



Applications



Model	CG-500	CG-350	CG-250	CG-200
				
SD resolution	•	•	•	•
HD resolution	•	•	•	•
Manual playout control	•	•	•	•
Playlists	•	•	•	•
Animated logo / sequence	•	•	•	•
Scheduling	•	•	•	•
Dynamic Data integration	•	•	•	•
Database integration	•	•	•	•
Live 3D graphics	•	•	•	•
Fast graphics rendering	•	•	•	•
Template-based	•	•	•	•
Media library	•	•	•	•
Keyframe control	•	•	•	•
Capture Video Frame	•	•	•	•
Recommended Video Card for both Internal/ External key	Datavideo TC-200 Decklink 4K Extreme	Datavideo TC-200 Decklink 4K Extreme	Datavideo TC-200	Datavideo TC-200

Up/ Down/ Cross Converter

DAC-70

It's tough!

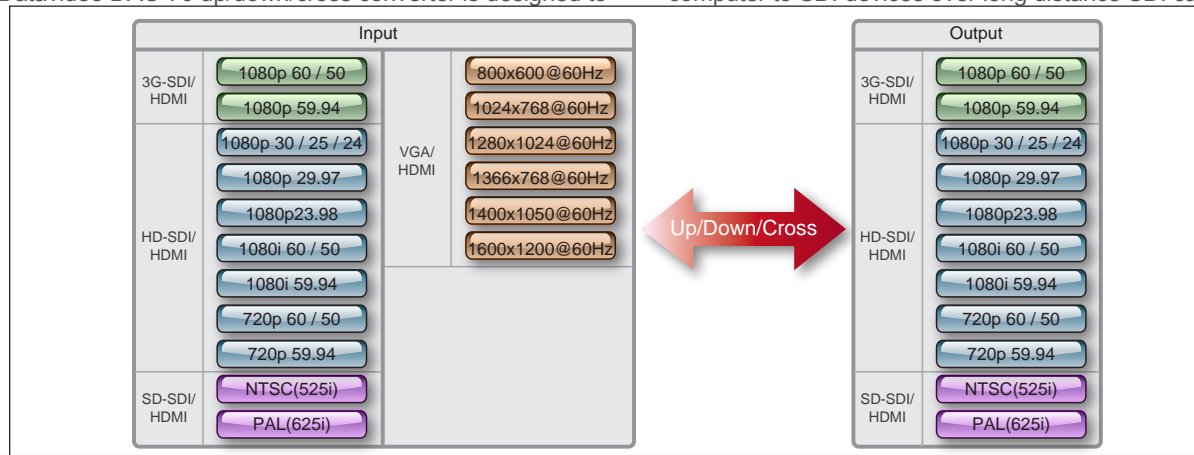





Datavideo DAC series has a rugged metal housing for use in even the roughest conditions. DAC-70 is the most popular and versatile converter.

Datavideo DAC-70 up/down/cross converter is designed to

convert video signals from VGA, HDMI, SDI with Audio input to 3G/HD/SD SDI outputs.

Perfect for connecting a VGA/HDMI output from computer to SDI devices over long distance SDI cable.





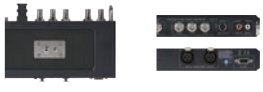
Model	DAC-70	DAC-60	DAC-50S
			
Conversion	VGA/HDMI/SDI to HDMI/SDI Multi-format Up/Down/Cross	3G/HD/SD-SDI to VGA	3G/HD/SD-SDI to Analog Down Converter
Video Inputs	Sel.: 1x VGA, 1x HDMI, 1x 3G/HD/SD-SDI	1x 3G/HD/SD-SDI	1x 3G/HD/SD-SDI
Loop Through	Yes	Yes	Yes
Video Outputs	2x 3G/HD/SD-SDI with embedded Audio	1x VGA	YUV + Composite or Y/C + 2x Composite
Audio Inputs	2x RCA (Stereo Pair), 2x HDMI Audio embedded	2x SDI Audio embedded	2x SDI Audio embedded
Audio Outputs	2x HDMI Audio embedded 2x SDI Audio embedded	N/A	2x RCA (Stereo Pair)
Supported Video Input Format	800x600 (60Hz), 1024x768(60Hz), 1280x1024(60Hz), 1366x768(60Hz), 1400x1050(60Hz), 1600x1200(60Hz), 480i (NTSC), 576i (PAL), 720p (50/59.94/60Hz), 1080i (50/59.94/60Hz), 1080p(23.98/24/25/29.97/30/ 50/59.94/60Hz)	480i (NTSC), 576i (PAL), 720p (50/59.94/60Hz), 1080i (50/59.94/60Hz), 1080p (23.98/24/25/29.97/ 30/50/59.94/60Hz)	720p (50/59.94Hz), 1080i(50/59.94Hz), 1080p(50/59.94Hz), 480i, 576i
Output Resolutions	Sel.: 480i, 576i, 720p (50/59.94/60Hz) 1080i (50/59.94/60Hz) 1080p (23.98/24/25/29.97/30/50/59.9 4/60Hz)	Sel.: 800x600 (60Hz), 1024x768 (60Hz) 1280x800 (60Hz), 1280x1024 (60Hz), 1366x768 (60Hz), 1400x1050 (60Hz), 1600x1200 (60Hz), 1920x1080 (60Hz), 1920x1200 (60Hz)	Sel.: 480i, 576i
Reclock	Yes	Yes	N/A
Power	DC 12V, 6 watts	DC 12V, 3.6 watts	DC 12V, 6.0 watts

2RU Rackmount Kit

RMK-2



- Rackmount Frame to hold up to 8 DAC Converters
- Built in power distributor for up to 8 converters
- Suitable for DAC-8P, DAC-9P, DAC-50S, DAC-60, DAC-70, DAC-80 and future DAC converters

Model	DAC-9P	DAC-8P	DAC-7
			
Conversion	HDMI to 3G/HD/SD-SDI	3G/ HD/SD-SDI to HDMI	SD Analog to SD-SDI
Video Inputs	1x HDMI	1x 3G/HD/SD-SDI	Sel.: 1x CV, 1x YUV, 1x S-Video
Loop Through	N/A	Yes	N/A
Video Outputs	2x 3G/HD/SD-SDI with embedded Audio	1x HDMI with embedded Audio	2x SD-SDI with embedded Audio
Audio Inputs	2x HDMI Audio embedded	2x RCA (Stereo Pair) 2x SDI Audio embedded	2x RCA (Stereo Pair) 2x XLR (Stereo Pair)
Audio Outputs	2x SDI Audio embedded	2x HDMI Audio embedded	2x SDI Audio embedded
Supported Video Input Format	480i (NTSC), 576i (PAL), 720p (50/59.94/60Hz), 1080i (50/59.94/60Hz), 1080p (23.98/24/25/29.97/ 30/50/59.94/60Hz)	480i (NTSC), 576i (PAL), 720p (50/59.94/60Hz), 1080i (50/59.94/60Hz), 1080p (23.98/24/25/29.97/ 30/50/59.94/60Hz)	480i(NTSC), 576i(PAL)
Output Resolutions	Automatically matches the SD, HD and 3G HDMI video input	Automatically matches the SD, HD and 3G SDI video input	Automatically matches the NTSC, PAL video input
Equalizer	N/A	Yes	N/A
Reclock	N/A	Yes	N/A
SDI Cable Drive	Yes	Yes	Yes
Power	DC 12V, 5 watts	DC 12V, 4 watts	DC 12V, 2.4 watts

2x6 3G SDI Distribution Amplifier VP-597



- 2 x 3G/HD/SD-SDI inputs
- 6 x 3G/HD/SD-SDI distribution outputs
- Supports embedded audio SDI
- Two input video sources can be controlled by A/B switch or GPI remote

1-4 SDI Distribution Amplifier VP-445



- Four way HD/SD-SDI distribution amplifier with embedded audio

SDI and Intercom Repeater VP-781



- Extend HD/SD-SDI, Intercom and Tally signal up to 200m
- Incorporates VP-634 HD/SD SDI Repeater inside and 5Pin XLR Intercom pass-through

Composite Signal Repeater

VP-737



Extend a composite signal up to 200 meters away over a Cat5e (or better) cable.

100m SDI Repeater (Unpowered)

VP-634



VP-633/VP-634 SDI repeaters can significantly extend the maximum cable run of standard SDI cabling.

100m SDI Repeater (Powered)

VP-633



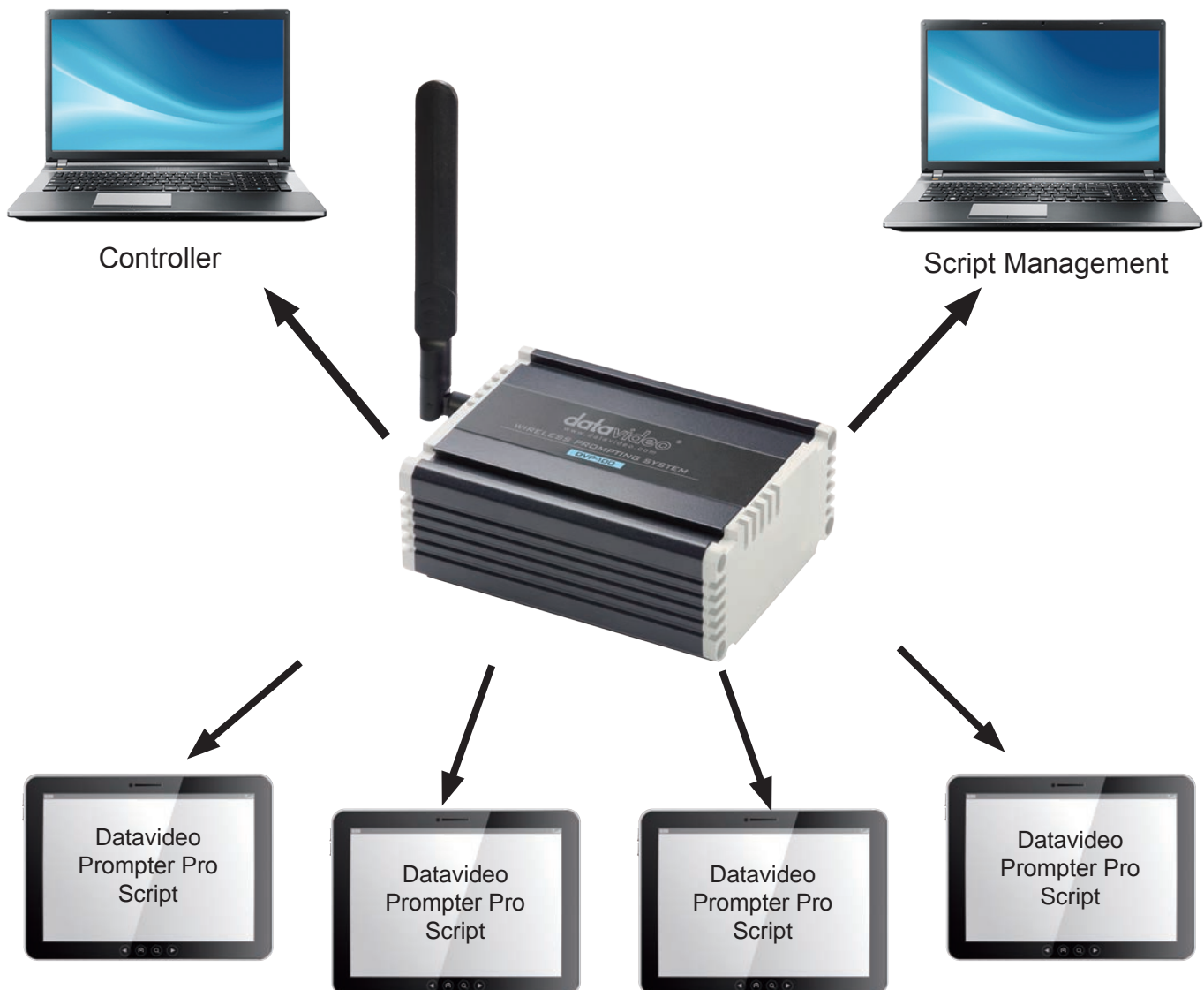
Up-to 4 SDI repeaters can be used in one chain, allowing runs of up to 1000m SDI video. Each run must contain a VP-633 as this has a power connection to supply power through the SDI cables which then powers the subsequent VP-634's.

Wireless Prompting System DVP-100



DVP-100 is a wireless teleprompting system designed to centrally control multiple prompter screens simultaneously. The dv Prompter Pro server creates its own WiFi hotspot ready for you to connect your devices and start prompting. Once connected, you simply need to select if the device is to be a controller or a prompter screen.

Up to 6 devices can be connected to the server simultaneously. The controller can create and load new scripts, control the scrolling and perform live edits on all prompter screens in real time. All scripts and settings are stored on the dvPrompter server not the devices themselves, and multiple users can collaborate to the scripts library over IP. DVP-100 is compatible with the WR-450 Bluetooth controller.



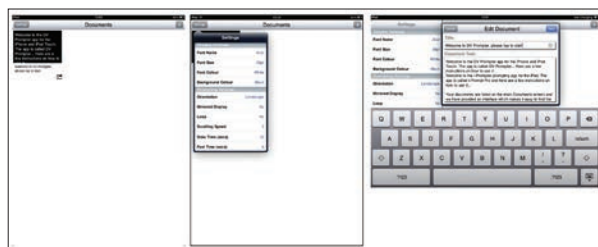
DV Prompter TP-600



A teleprompter allows a presenter to look into the camera lens and read a script from a reflected screen equipped with beam-splitter glass. Most teleprompters are for use in the studio but the Datavideo TP range can be used anywhere!

Convert Apple or Android tablets into cost-effective and easy to use prompter solutions. Scripts can be easily loaded, character font, size, color and scrolling speed are all adjustable.

Wired and optional Bluetooth remotes allow users to control the speed to achieve natural results.



The dv prompter application is available to download Free from Apple™ App Store™ & Google Play.

Protective Cases



HC-300



HC-500



HC-600

Model	TP-300	TP-500	TP-600
			
Product Name	Tablet Prompter (HD/SD Camcorders used)	DSLR Prompter	ENG Prompter
Device Used	Apple iPads Android Tablets	Apple iPads Android Tablets	Apple iPads Android Tablets
Camera-Mount Interface	Prompter Frame	Adjustable Camera Plate	Prompter Rail
Smartphone/ Tablet Size	Min. Tablet Width: 105mm Max. Tablet Width: 198mm	Min. Tablet Width: 105mm Max. Tablet Width: 198mm	Min. Tablet Width: 105mm Max. Tablet Width: 198mm
Multi-language support	Device dependent including Arabic and Asian languages such as Chinese, Japanese, Korean, Hindi, Tamil and more		
Hood Dimension/ Prompter Size	Width: 250mm Height: 210mm Depth: 447mm	Width: 250mm Height: 210mm Depth: 447mm	Width: 250mm Height: 210mm Depth: 447mm
Remote Control	Wired Remote (inclusive) with headset jack input for Apple iOS devices and some Android devices *Optional Universal Bluetooth Wireless Remote (with USB cable adapter for charging purposes)		
Net Weight	1.35 Kg	1.92 Kg	3.25 Kg

Lighting Kit

PLK-300/400

Datavideo PLK light kits are all-in-one solutions for any small interview or mini studio. Each light features an adjustable color temperature range from 3200K to 5400K and can be dimmed to match the environment. The lights can be mounted to the included stands OR they can be mounted directly on top of video cameras. This gives added versatility, which makes lighting easier than ever before. Each light panel can be used individually, as seen in any standard lighting kit. However, the lights can also be seamlessly connected to one another to form large panels for increased light output from a single location.

Model	PLK-300	PLK-400
308 LED	3x Bi-Colour	3x Day Lights
160 LED	N/A	1x Bi-Colour
Mains Power Supplies	N/A	4
Lighting Stands	3	4
Wheeled Hard Case	Yes	Yes



Highlight / Replay Recorder

HDR-10A

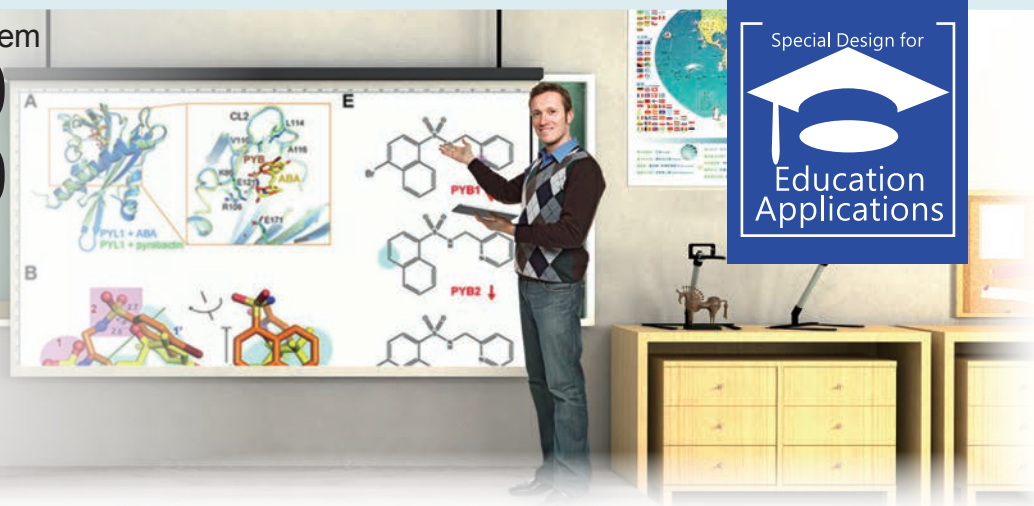
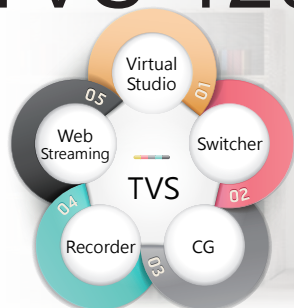
The Datavideo HDR-10A is the first affordable replay solution for single channel replay. This is ideal for club sports, high school sporting events, coaches training, and smaller productions needing replay.

With the HDR-10A with included jog shuttle control, you can mark and record highlights from a sporting event, then play it back on your switcher - easily and instantly. If only one camera is being used for an event, it could be used without a switcher since HDR-10 is a complete standalone unit.

Model	HDR-10A	HDR-10
Jog Shuttle	Included	Not Included
Inputs	HD/SD-SDI (w/ embedded audio)	
Outputs	2 x HD/SD-SDI (PGM and AUX - PVW)	
Supported Resolutions	1080p(23.976/24/50/59.94/60), 1080i(50/59.94/60), 720p(50/59.94/60), 576i, 480i	
Recorded File	MOV	

Trackless Virtual Studio System

TVS-1000 TVS-1200



Special Design for

Education
Applications

The TVS-1000 and TVS-1200 is a 5 in 1 design which consists of a trackless virtual studio system, video switcher, character generator, video recorder and web streaming encoder. It's a versatile, easy to use and cost-effective solution. TVS-1000 and TVS-1200 is suitable for production companies, corporate producers, users in education, small studios and TV stations. As a virtual studio solution, TVS-1000 and TVS-1200 supports pan, tilt and zoom camera movements for a dynamic effect. The built-in Virtualset Maker allows users to fully customize their sets: User can easily insert background images, add logos to any surface, and run video in the backdrop. In addition, user can download professional studio templates on <http://www.datavideovirtualset.com>

TVS Main Unit with Control Panel RMC-220

RMC-220 TVS control panel provides users with easy control of the TVS Virtual Studio System. RMC-220 equipped with 10 function keys, which can directly trigger the assigned function by pressing the corresponding key.



TVS-AUX card (Optional)

TVS-AUX capture card is specially designed for displaying media files via an HDMI port. It supports files from popular applications such as PowerPoint and various media players. The TVS-AUX card can be used by the TVS-1000 and TVS-1200 systems.



TVS User Interface (with TVS-AUX)



TVS Green Screen Set



	TVS-1000	TVS-1200	TVS-AUX
Video Input	HDMI x1	SDI x 2	HDMI x1
Video Output	HDMI x 1	SDI x 2	HDMI x 1
Video Input Format	1080 30P/29.97P/25P 1080 60i/59.94i/50i 720 60P/59.94P/50p	1080p 80/60/59.94/50/29.97/25 1080i 60/59.94/50 720p 60/59.94/50	1080 30P/29.97P/25P 1080 60i/59.94i/50i 720 60P/59.94P/50p
Audio Input	Mini Phone Jack x 1 HDMI audio embedded	Mini Phone Jack x 1 SDI audio embedded x 2	Mini Phone Jack x 1 HDMI audio embedded
Tally	NO	YES	NO
Downstream Key	2	2	
Media	2(DDR)	2(DDR)	
Virtual Studio	30 sets (20 sets included+10 sets free download)	30 sets (20 sets included+10 sets free download)	
Still Picture	2	2	
Still Text	2	2	
Keyer	Chromakey/ Luminance key	Chromakey/ Luminance key x 2	
Recording	H.264/ MPEG-2	H.264/ MPEG-2	
Live Streaming	TS HTTP/ TS RTP/ TS UDP TS RTSP/ FLV HTTP/ FLV RTMP	TS HTTP/ TS RTP/ TS UDP TS RTSP/ FLV HTTP/ FLV RTMP	
System Capacity	1TB	1TB + 240G SSD	

Download custom made virtual sets from www.datavideovirtualset.com



Model	TLM-170P/PM/PR	TLM-170G / GM / GR	TLM-702HD
			
Screen	17.3" LED Back-Lit	17.3" LED Back-Lit	2x7" LED Back-Lit
Chassis	Tabletop (170P) 1RU Pull-Out (170PM) 7RU Rack Mount (170PR)	Tabletop (170G) 1RU Pull-Out (170GM) 7RU Rack Mount (170GR)	3RU Rack Mount
Resolution	1920x1080	1600x900	800x480
Viewing Angle	(H) +80/-80° (V) +60/-80°	(H) +40/-45° (V) +45/-45°	(H) +70/-70° (V) +50/-70°
Luminance/Contrast	400cd/m2 600:1	220cd/m2 500:1	300cd/m2 500:1
Video Inputs	1x 3G/HD/SD-SDI 2x HDMI 1x HD/SD-YUV 2x Composite Video	1x HD/SD-SDI 2x HDMI 1x HD/SD-YUV 2x Composite Video	2x HD/SD-SDI 2x HD/SD-YUV 2x HDMI 2x Composite Video
Loop Through	1x 3G/HD/SD-SDI 1x Composite Video	1x HD/SD-SDI 1x Composite Video	N/A
Supported Input Resolutions	1080p(23.98/24/25/30/50/59.9/5/60Hz), 1080i(50/59.94/60Hz), 720p(50/59.94/60Hz), 480i (NTSC), 576i (PAL)	1080p(23.98/24/25/30/50/59.9/5/60Hz), 1080i(50/59.94/60Hz), 720p(50/59.94/60Hz), 480i (NTSC), 576i (PAL)	1080i(50/60Hz), 720p(50/60Hz), 480i(NTSC), 576i(PAL)
Aspect Ratio	16:9, 4:3	16:9, 4:3	16:9, 15:9, 4:3
Tally LED	Live (Red) Cued (Green)	Live (Red) Cued (Green)	Live (Red) Cued (Amber)
Audio In/Out	Embedded Audio on SDI and HDMI 3 x Mono RCA Inputs Stereo Speakers	Embedded Audio on SDI and HDMI 3 x Mono RCA Inputs Stereo Speakers	Embedded Audio on SDI and HDMI Audio Level Indicator 2x Stereo Headphone Jack
Special Features	3G-SDI Support, Picture-in-Picture, Blue Only, Audio Level Indicator, Safe Frame, Pixel Zoom up to 8x, Network IP Remote, SDI Time Code Display	3G-SDI Support, Picture-in-Picture, Blue Only, Audio Level Indicator, Safe Frame, Pixel Zoom up to 8x, Network IP Remote, SDI Time Code Display	Blue Only, Safe Frame, SDI Time Code Display, Audio Level Indicator, Safe Frame
Power	DC 12V, 30 watts	DC 12V, 18 watts	DC 12V, 30 watts

7" HD/SD TFT LCD Monitor TLM-700HD



Model	Description
TLM-700HD	The Datavideo TLM-700HD features a standard V-Mount.
TLM-700HD-C	TLM-700H w/ Canon Battery Mount (compatible with Canon BP series DV batteries)
TLM-700HD-A	TLM-700H w/ Anton Bauer Battery Mount (Gold mount plate with a 14.4V D-tap output socket for Gold mount battery applicable)
TLM-700HD-P	TLM-700H w/ Panasonic Battery Mount (compatible with Panasonic CGA series DV batteries.)
TLM-700HD-S1	TLM-700H w/ Sony Battery Mount (S-7000U) (for SONY EX1 / EX3 camcorder's battery/compatible with SONY BP-U60, BP-U30 DV batteries)
TLM-700HD-S2	TLM-700H w/ Sony Battery Mount (S-7000F) (e.g For SONY Z5 camcorder's battery/compatible with SONY NP-F770/970/960/950 DV battery applicable)

TLM-700HD-A



TLM-700HD-C



TLM-700HD-P





TLM-700HD-S1



TLM-700HD-S2



Model	TLM-700HD	TLM-434H
		
Screen	7" LED Back-Lit	4x4.3" TFT LCD
Chassis	Camera Mount	2RU Rack Mount
Resolution	800x480	480x272
Viewing Angle	(H) +70/-70° (V) +50/-70°	(H) +80/-80° (V) +80/-80°
Luminance/Contrast	300cd/m2 500:1	320cd/m2 400:1
Video Inputs	1x HD/SD-SDI 1x HD/SD-YUV 1x HDMI 1x Composite Video	4x HD/SD-SDI 4x HDMI
Loop Through	N/A	4x HD/SD-SDI
Supported Input Resolutions	1080i(50/60Hz) 720p(50/60 Hz) 480i(NTSC) 576i(PAL)	1080i(50/60Hz) 720p(50/60 Hz) 480i(NTSC) 576i(PAL)
Aspect Ratio	16:9, 15:9, 4:3	16:9, 4:3
Tally LED	Live (Red) Cued (Amber)	Live (Red) Cued (Amber)
Audio In/Out	Embedded Audio on SDI and HDMI Audio Level Indicator, 1x Stereo Headphone Jack	Embedded Audio on SDI and HDMI, Audio Level Indicator, 4x Stereo Headphone Jack
Special Features	Blue Only, Safe Frame, SDI Time Code Display, Audio Level Indicator, Safe Frame, Image Flip, Can powered by batteries (Not Included)	Blue Only, Embedded Time Code Indicator, Safe Frame
Power	DC 12V, 18 watts	DC 12V, 15 watts

Multi-camera Control Unit

MCU-100P for Panasonic

MCU-100S for Sony

MCU-100J for JVC

MCU-100 and MCU-200 are designed to control up to four camcorders in studio multi-camera configuration, giving the producer the ability to match and manage the settings of multiple cameras.



Model	MCU-100P/200P	MCU-100S/200S	MCU-100J/200J
Support functions	Record and Playback Camera User memory functions Camera OSD Menu Navigation Shutter speed and degree functions Iris adjustment AWB & ABB functions White Balance A, B and Preset functions Camera Knee & Bars functions Camera Gain adjustment RGB / R & B gain and Master Pedestal controls	Record and Playback Camera User memory functions Camera OSD Menu Navigation Shutter adjustment Iris adjustment AWB & ABB functions White Balance A, B and Preset functions Knee & Bars functions Gain adjustment RGB / R & B gain and Master Pedestal controls	Record and Record Review Control of Camera User memory Control of Shutter / Focus / Zoom function Iris adjustment AWB & ABB functions White Balance A, B and Preset functions Knee & Bars functions Camera Gain adjustment Assign function RGB / R & B gain and Master Pedestal controls
Camera side adapter	AD-1P	AD-1S	AD-1J
Camera controlled Qty	4	4	4
CAM remote interface	10 Pin remote connector	8 Pin remote connector	PS/2 Multicore & LANC
Composition monitoring to view the camera's own LCD/OSD menus	YES	YES	N/A
Compatible Camera Models	AG-HPX255, AG-HPX300, AG-HPX301, AG-HPX302, AG-HPX304, AG-HPX370, AG-HPX371, AG-HPX372, AG-HPX500, AG-HPX502, AG-HPX600, AJ-HDX900, AJ-HPX2700G, AJ-HPX3000	PMW EX3, PMW 300K2, PMW 350K, PMW F5, PDW-510, HDW-F900R	GY-HM890U (LANC / PS/2), GY-HM850U (LANC / PS/2), GY-HM650U(LANC), GY-HM600U(LANC), GY-LS300CHU (LANC), GY-HM200U (LANC)
Connection Distance	300M	300M	300M

Multi-camera Control Unit

MCU-200P/200S/200J



We also provide multi-camera control unit in rack mount style.

Iris/Shutter Control Box

RMC-230

RMC-230 allows the director to manage the iris and shutter settings of multiple Sony cameras. Iris adjustment using a T-Bar is very fast and accurate. RMC-230 connects to a MCU-100/200 master control unit, giving users an enhanced way of operating the MCU.



Intercom System ITC-100



Good communication is vital in any production studio; keeping communication between the director, camera crew, lighting engineer and control room is essential to produce a polished end result. The Datavideo ITC-100 Intercom system provides 8-way talkback and tally indicators. The producer can talk to an individual channel or to all channels simultaneously. High S/N ratio makes the communication crisp and clear. The ITC-100 is a standard 19/1U rack design, so it is easy to integrate into any rack system for using in the field or studio.

- Standard 19/1RU rack design
- Supports 8-Way talkback (standard package includes 4 sets of ITC-100SL with belt-pack accessories)
- Additional external earphone and microphone interface
- Dual color tally light indicator
- Selectable channel talk, broadcast to all or mute
- Enables clean and clear communication between the camera crew and the director
- Communication distance up to 200m
- Supplied complete with gooseneck mic and light

HP-1 & HP-2A Headsets (Optional)

ITC-100 comes with the standard MC-1 Headsets. Also available are the special HP-1 and HP-2A Headsets.



Single-Side Headset
HP-1



Dual-Side Headset
HP-2A

ACCESSORIES (INCLUDED)



ITC-100SL

Intercom belt pack
4 x ITC-100SL cameraman unit including carry case



CB-3

20m 5-Pin Intercom Cable
4 x 20m XLR to XLR intercom cable



TD-3

Tally Indicator
Supplied with 4 x camera-mounted tally lights



CB-7

1.2m GPI Cable
Connection TD-3 tally light with ITC-100 belt pack



MC-1

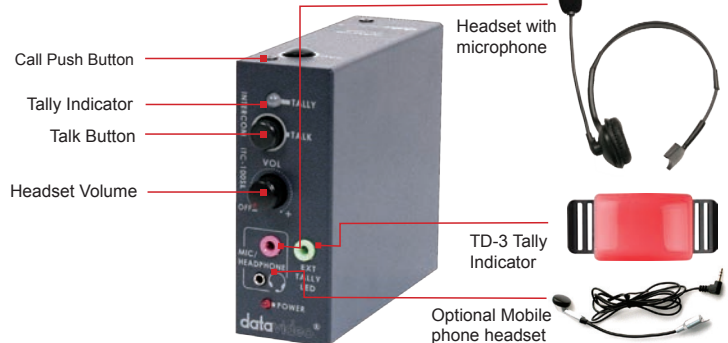
Microphone Headset
ITC-100 - supplied with 4 headsets.



MC-2/ LP-1

Gooseneck Microphone/Gooseneck Light
XLR gooseneck mic & light

TALKBACK BELTPACK ITC-100SL



REAR VIEW



5 pin XLR connector provides bi-directional communication, tally signal and power in one cable

Dual Color Tally Light TD-3



TD - 3

tally light provides the camera operator and the talent with clear information

AD-100M



Audio Delay Box with Microphone Input

DataVideo AD-100M is an easy-to-use audio delay box with 1 Microphone input that allows you to synchronize audio/Mic to video. The unit features RCA (phono) connector as well as XLR type connection. Built in a rugged metal housing for use in the field or studio.

AD-200



6-Channel Audio Delay / Mixer with Level Adjustment

DataVideo AD-200 is an integration of 6-Channel audio delay with a matrix mapping function of 4-Channel outputs Audio Mixer, a combination design with front panel and main unit, 2 separate parts by 1RU rack mount design which can be easily installed to OB Van or customized rack.

AM-100



Rack-Mountable Audio Mixer

AM-100 is an ultra-compact 4-input + 2 AUX mixer featuring low noise and a high-headroom design. It comes with 4 studio-grade dynamic range mic preamps with an ultra-wide 60dB gain range, 130dB dynamic range, +22dBu line input handling, low frequency response, distortion under 0.0007% (20Hz~20KHz), phantom power, high resolution stereo meters, and tally-in.

BAC-03



Balanced/Unbalanced Audio Converter

Converts Balanced / Unbalanced Audio. Bi-directional conversion in real-time. Ideal for connecting consumer products to professional equipment, or vice versa.

DAC-80



Audio Isolation Transformer

DAC-80 is designed to remove hum and buzz created by ground loops. Voltage differences between different pieces of equipment cause small AC power currents to flow within the shield of audio cables. Capacitance issues can also introduce small current flows within the cable shield. Both problems will create hum in audio signals. DAC-80 delivers the clean audio signal you need, yet remains transparent within the production chain.

DAC-90



SDI Audio De-Embedder

DAC-90 is an audio de-embedder box that allows users to de-embed 16 analog audio signals (4 at a time) from SDI video signal. It features 3G/HD/SD-SDI to support up to 1080p/60 video, automatically detecting and switching between different formats, and provides 4 mini XLR audio connectors for outputting analog audio to audio devices such as, recorders, switchers, and audio mixers. The Audio box also has SMPTE and EBU settings.

DAC-91



SDI Audio Embedder

DAC-91 is an audio embedder that allows users to embed 2 channels of analog audio into an SDI video signal. It features 3G/HD/SD-SDI to support up to 1080p/60 video, automatically detecting and switching between different formats, and provides mini XLR and RCA audio connectors for inputting embedded analog audio. The audio box also has audio level adjustment.

DVK-300HD



Live HD/SD Chromakeyer

DVK-300HD is easy and intuitive to use, delivering great results even in the most challenging environments. Most HD chromakey systems are either complex computer-based solutions or are included in vision mixers with limited keying features. The DVK-300HD is ideal for users that simply need professional featured and affordable live keying in a portable device. DVK-300HD can be controlled by a computer directly or remotely over an IP network. HDMI and SDI inputs make the DVK-300HD perfect in any live environment.

VS-100



Sampling Vector Scope

VS-100 is a cost-effective Sampling Vectorscope and Waveform monitor. This unit provides quick, accurate and standardized ways to calibrate and align signals from cameras and other video equipment. Its small size and DC voltage input means that it can be a go-anywhere engineering tool when paired with a HD / SD monitor like the Datavideo TLM-700HD or a rack based studio tool when paired with a TLM-702HD monitor. Alternatively it can be used with any HDMI or SDI monitor.

VS-150



Sampling Vector Scope

VS-150 is the desktop version of the VS-100 Vectorscope with traditional button access to the different modes (unlike rotary dial on the pocket size VS-100). With HD/SD SDI inputs, it can test feeds in a large number of formats, from 576i and 720 50p to 1080i and 1080 25p. With HDMI outputs, it can be used with cost-effective HD monitors while its SDI ports can be set up as a loop-through as part of the production technology chain. The unit is 1RU high and ½ rack wide.

VSM-100



Sampling Vector Scope with Monitor

VSM-100 combines a 2 x 4.3" HDMI/SDI Monitor with 1 x VS-150. With HD/SD SDI inputs, it can test feeds in a large number of formats, from 576i and 720 50p to 1080i and 1080 25p. With HDMI outputs, it can be used with cost-effective HD monitors while its SDI ports can be set up as a loop-through as part of the production technology chain.

VSM-200



Dual Sampling Vector Scope with Monitor

The VSM-200 combines a 2 x 4.3" HDMI/SDI Monitor with 2 x VS-150s. With HD/SD SDI inputs, it can test feeds in a large number of formats, from 576i and 720 50p to 1080i and 1080 25p. With HDMI outputs, it can be used with cost-effective HD monitors while its SDI ports can be set up as a loop-through as part of the production technology chain.

PD-2A Power Center



PD-2A 400 watts 1RU 19 rack Power Distribution Center provides a steady power supply for studio equipment, such as the video switcher, monitors, recorders and intercom system. It features auto-switchable inputs of AC 110V/220, a UPS interface and DC 12V ports. PD-2A has 4 12V/3A terminals, two 12V/5A terminals, two 12V/10A terminals (shared) and XLR DC outputs. It provides up to 400 Watts. The PD-2A adds reliability to studio equipment and consolidates power supplies and cabling.

PD-4A Redundant Power Center



Datavideo PD-4A Power Distribution Center comes with two AC power supplies to provide instant fail-over redundancy. PD-4A provides multiple DC 12V outputs. The automatic port control sequencer intelligently initiates each output to ensure the power supply on start-up. The PD-4A can also be powered from a regulated DC 12V power source. It can run from a car or van's power outlet with the use of a suitable regulator.

PD-6 Universal AC->DC Power Center



PD-6 is a 19-inch, rack mountable, universal AC to DC Power Distribution Center, designed to supply steady and sequenced voltage for production kit while on location or in the studio. Perfect for use in conjunction with studio equipment and the CB-22H / CB-23H via a single power cable. Each of the eight outputs can be configured individually, DC48V, 24V, 14.4V & 12V, with a total power consumption of 360W.

CASDI50-4.5

50ft / 15m SDI Cable



■ Male/Male 4.5GB BNC Cable

CASDI100-4.5

100ft / 30m SDI Cable



■ Male/Male 4.5GB BNC Cable

CASDI150-4.5

150ft / 45m SDI Cable



■ Male/Male 4.5GB BNC Cable

CASDI300-4.5

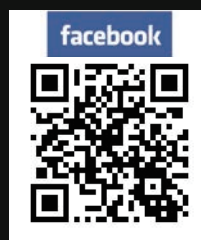
300ft / 100m SDI Cable



■ Male/Male 4.5GB BNC Cable



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