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# datavideo PRODUCT GUIDE 2023

BUSINESS PLAN INFOGRAPHIC

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# ARRANIY For the the trust we day of the trust

# **3 YEAR WARRANTY**

One of the core values of Datavideo is service. To make sure that every user of Datavideo equipment has a trustworthy experience we do our utmost best, day after day, year after year. We are confident that our products give you reliable service and we seal that confidence by a one year warranty period.

On most products, it's possible to extend that warranty for extra two years after registering. Please make sure to register your Datavideo product directly after purchasing for a 3-year warranty.

# Why Datavideo?

Datavideo is a global manufacturer of live video equipment for the broadcast and professional AV markets. What sets Datavideo apart from other video equipment manufacturer is that we specialize in end to end video production solutions for various vertical markets ranging from broadcast to worship to education, as well as, corporate and social media.

You will see in this product guide a wide range of products we offer for your live video production needs. Whether you are a novice video producer, who is learning live video production, or who's starting to learn about live production or a seasoned video professional, we have something you need in our product line.

We pride ourselves in making products that are high quality, but easy to use. It's a family of products that are designed to work together so that you never have to worry about the compatibility of your products. Our customers purchase our equipment with confidence in knowing that they are a solution to their video production needs.



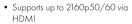


**PTC-305** 20x 4K Tracking Camera



**PTC-305T** 20x 4K HDBaseT Tracking Camera

- Supports up to 2160p50/60 via HDMI
- 20x Optical Zoom, 16x Digital zoom
- 1/1.8" CMOS
- Built-in H.264/H.265 dual streaming encoder
- Auto tracking object supported
- External audio input: 3.5mm mic in or line in
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.



- 20x Optical Zoom, 16x Digital zoom
- 1/1.8" CMOS
- Built-in H.264/H.265 dual streaming encoder
- HDBaseT technology
- Auto tracking object supported
- External audio input: 3.5mm mic in or line in
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.





**PTC-305NDI** 20x NDI Tracking 4K Camera

- Supports up to 2160p50/60 via HDMI
- 20x Optical Zoom, 16x Digital Zoom
- 1/1.8" CMOS
- Built-in H.264/H.265 dual streaming encoder
- Auto tracking object supported
- External audio input: 3.5mm mic in or line in
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.
- NDI technology

## **PTZ CAMERAS**

Complete Range of Pan-Tilt-Zoom Cameras





**PTC-300** 20x 4K Camera

- Supports up to 2160p50/60 via HDMI
- 20x Optical Zoom, 16x Digital Zoom
- 1/1.8" CMOS
- Built-in H.264/H.265 dual streaming encoder
- 2160p and 1080p(3G-SDI) simultaneous video output
- External audio input: 3.5mm mic in or line in
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.





**PTC-300NDI** 20x NDI 4K Camera

- Supports up to 2160p50/60 via HDMI
- 20x Optical Zoom, 16x Digital Zoom
- 1/1.8" CMOS
- Built-in H.264/H.265 dual streaming encoder
- 2160p and 1080p(3G-SDI) simultaneous video output
- External audio input: 3.5mm mic in or line in
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.
- NDI technology



**PTC-285** 12x 4K Tracking Camera

- Supports up to 2160p50/60 via HDMI 4:2:2 YUV output
- 12x Optical Zoom, 16x Digital Zoom
- 1/2.8"CMOS
- Auto tracking object supported
- Built-in H.264/H.265 dual streaming encoder
- External audio input: 3.5mm mic in or line in
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.



**PTC-285T** 12x 4K HDBaseT Tracking Camera

- Supports up to 2160p50/60 via HDMI 4:2:2 YUV output
- 12x Optical Zoom, 16x Digital Zoom
- 1/2.8"CMOS
- Auto tracking object supported
- HDBaseT technology
- Built-in H.264/H.265 dual streaming encoder
- External audio input: 3.5mm mic in or line in
- Compatible with various controllers: Datavideo PTZ View Assist, RMC-300 and RMC- 180 series.



PTC-285NDI 12x NDI 4K Tracking Camera

- Supports up to 2160p50/60 via HDMI 4:2:2 YUV output
- 12x Optical Zoom, 16x Digital Zoom
- 1/2.8"CMOS
- Auto tracking object supported
- Built-in H.264/H.265 dual streaming encoder
- External audio input: 3.5mm mic in or line in
- Compatible with various
- controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.
- NDI technology

## **PTZ CAMERAS**

Complete Range of Pan-Tilt-Zoom Cameras





**PTC-280** 12x 4K Camera

- Supports up to 2160p50/60 via HDMI
- 12x Optical Zoom, 16x Digital Zoom
- 1/2.5" CMOS
- Built-in H.264/H.265 dual streaming encoder
- 2160p and 1080p(3G-SDI) simultaneous video output
- External audio input: 3.5mm mic in or line in
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.





**PTC-280NDI** 12x NDI 4K Camera

- Supports up to 2160p50/60 via HDMI
- 12x Optical Zoom, 16x Digital Zoom
- 1/2.5" CMOS
- Built-in H.264/H.265 dual streaming encoder
- 2160p and 1080p(3G-SDI) simultaneous video output
- External audio input: 3.5mm mic in or line in
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.
- NDI technology



**PTC-150** 30x 1080P Camera

- 1/2.8 inch CMOS sensor.
- 1920x 1080px Full HD resolution, 50/60p
- 30x Optical Zoom
- 1x 3G-SDI, 1x HDMI, 1x CVBS video output from camera
- Compatible with various controllers: RMC-300 and RMC-180 series.





**PTC-150T** 30x 1080P HDBaseT Camera

- 1/2.8 inch CMOS sensor.
- 1920x 1080px Full HD resolution, 50/60p
- HDBaseT technology
- 30x Optical Zoom
- 1x 3G-SDI, 1x HDMI, 1x CVBS video output from camera
- Compatible with various controllers: Datavideo HS-1600T, RMC-300 and RMC-180 series.





PTC-145 20x HD Tracking PTZ Camera

- 1/2.8 inch CMOS sensor.
- 1920x1080px Full HD resolution, 60fps
- 20x Optical Zoom,8x Digital Zoom
- SDI/HDMI output H.264/ H.265 streaming encoder
- Auto tracking object supported
- External audio input: 3.5mm audio or line in
- Advanced 2D/3D noise reduction technology
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.

## **PTZ CAMERAS**

Complete Range of Pan-Tilt-Zoom Cameras







**PTC-145T** 20x 1080P Camera

- 1/2.8 inch CMOS sensor.
- 1920x 1080px Full HD resolution, 60fps
- 20x Optical Zoom,8x Digital Zoom
- SDI/HDMI output H.264/ H.265 streaming encoder
- HDBaseT technology
- Auto tracking object supported
- External audio input: 3.5mm mic in or line in
- Advanced 3D noise reduction technology
- Compatible with various controllers: Datavideo HS-1600T, RMC-300 and RMC-180 series.



- 1/2.8 inch CMOS sensor.
- 1920x1080px Full HD resolution, 60fps
- 20x Optical Zoom,8x Digital Zoom Zoom
- SDI/HDMI output H.264/ H.265 streaming encoder
- Auto tracking object supported
- External audio input: 3.5mm mic in or line in
- Advanced 3D noise reduction technology
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.
- NDI technology



- 1/2.8 inch CMOS sensor.
- 1920x1080px Full HD resolution, 60fps
- 20x Optical Zoom, 10x Digital Zoom
- SDI/HDMI output
- H.264/H.265 streaming encoder
- Advanced 2D/3D noise reduction technology
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.





**PTC-140T** 20x 1080P HDBaseT Camera

- 1/2.8 inch CMOS sensor.
  1920x 1080px Full HD resolution, 60fps
- 20x Optical Zoom,10x Digital Zoom
- HDBaseT technology
- HDMI output
- H.264/H.265 streaming encoder
- Advanced 2D/3D noise reduction technology
- Compatible with various controllers: Datavideo HS-1600T, RMC-300 and RMC-180 series.



PTC-140NDI 20x NDI PTZ Camera

- 1/2.8 inch CMOS sensor.
  1920x 1080px Full HD resolution, 60fps
- 20x Optical Zoom, 10x Digital Zoom
- NDI technology
- SDI/HDMI output
- H.264/H.265 streaming encoder
- Advanced 2D/3D noise reduction technology
- Compatible with various controllers: Datavideo PTZ View Assist APP, RMC-300 and RMC-180 series.





**BC-80** 30x 1080P Camera

- 1/2.8 inch CMOS sensor. 1080p HD resolution
- 30x optical zoom
- Digital Noise Reduction Function
  (DNR)
- 1x 3G-SDI, 1x HDMI video output
- Controllable by VISCA/DVIP



**BC-50** 20x 1080P Camera with Streaming Encoder

- 1/2.7 inch CMOS sensor.
  1080p Full HD resolution
- 20x optical zoom, 16x digital zoom
- 3G-SDI output
- H.264/H.265/Motion-JPEG compression and IP streaming through RJ-45 connection
- Web Interface

## **BLOCK CAMERAS**

State Of The Art Cameras





BC-15P 4K POV Camera

- 1/2.3"CMOS sensor with 4K 50/60p output, perfect for low light environment video production
- H.264/265 streaming encoder built-in
- Streaming videos in RTMP(S) and SRT
- support Datavideo dvCloud
- App control and live Preview
- Power over Ethernet supported
- Small box design makes it flexible to be mounted anywhere.
- Swappable Fixed Lens Built-in
- Support two types of controls: physical buttons, and APP





BC-15PN 4K POV NDI Camera

- 1/2.3"CMOS sensor with 4K 50/60p output, perfect for low light environment video production
- H.264/265 streaming encoder built-in
- Streaming videos in RTMP(S) and SRT
- support Datavideo dvCloud
- App control and live Preview
- Power over Ethernet supported
- Small box design makes it flexible to be mounted anywhere.
- Swappable Fixed Lens Built-in
- Support two types of controls: physical buttons, and APP
- NDI technology





BC-15C 4K CS Mount POV Camera

- 1/2.3"CMOS sensor with 4K 50/60p output, perfect for low light environment video production
- H.264/265 streaming encoder built-in
- Streaming videos in RTMP(S) and SRT
- support Datavideo dvCloud
- App control and live Preview
- Power over Ethernet supported
- Standard CS mount interchangeable lens design
- Supports DC-IRIS function
- Small box design makes it flexible to be mounted anywhere.
- Support two types of controls: physical buttons, and APP





BC-15CN 4K CS Mount POV NDI Camera

- 1/2.3"CMOS sensor with 4K 50/60p output, perfect for low light environment video production
- H.264/265 streaming encoder built-in
- Streaming videos in RTMP(S) and SRT
- Support Datavideo dvCloud
- App control and live Preview
- Power over Ethernet supported
- Standard CS mount interchangeable lens design
- Supports DC-IRIS function
- Small box design makes it flexible to be mounted anywhere.
- Support two types of controls: physical buttons, and APP
- NDI technology



#### PTZ CAMERA ACCESSORIES



**WM-1** Wall Mount for PTC Camera

- Can be positioned upside-down or rightside-up
- Made of steel for durability and endurance
- Compatible with all PTZ Cameras
- White color is also available

## **CAMERA CONTROL**

Ultimate Control From A Distance



**RMC-300A** Universal Remote Control Panel

- Control up to 24 PTR Robotic Pan Tilt Head, PTZ and block cameras by DVIP or up to 8 cameras by serial RS-422 transmission
- User friendly interface on 5-inch LCD touch panel
- Zoom knob and lock button for better camera control
- LCD displays GUI for Operability and Visibility



RMC-180 MARK II PTZ Camera Controller

- Remote control up to 4 Datavideo PTC/BC/PTR series cameras
- Control of Pan, Tilt and Zoom as well as Iris, Focus, Gain, and other functions
- Control via CAT5/CAT6 cable with RJ45 connectors
- Support shortcut keys for up to 4 position presets for each of your cameras



# HDBaseT

Make It Single Wire







HBT-50 HDBaseT Receiver Box

- Supply power, video signal, and camera control up to 4 devices up to 100 meters distance.
- Support simultaneously outputs HDMI, SDI, RS-422 and IP control signals.
- HBT-50 simultaneously transmits SDI (up to 1080p60) and HDMI (up to 1080p60) as well as camera control.
- Single cable video transmission by HDBaseT technology



HBT-30 HDBaseT Receiver Box

- Support up to Ultra HD 4K50/60 video formats
- Single cable video transmission by HDBaseT technology
- Long distance transmission up to 100m at 4K50/60 using Cat 6a cable
- Power to 3 cameras by PoE technology
- Supports DVIP/RS-422/232
  remote control protocol
- 3 HDMI 2.0 Video outputs
- Supports HDMI Deep Color & full 3D & 4K50/60





HBT-16 HDBaseT Receiver Box

- Extend 4K50/59.94/60 video transmission up to 100m from HBT-15 Transmitter Box.
- Transmit video, audio, DVIP Ethernet control, RS-422/232 and PoE by a single Cat. 6A cable
- PoE Power supply 56V input from HBT-16 Receiver side.
- Supports DVIP Control Protocol
- Supports RS-422/232 Control





**HBT-15** HDBaseT Transmitter Box

- Extend 4K50/59.94/60 video transmission up to 100m from HBT-15 Transmitter Box to HBT-16 Receiver Box.
- Transmit video, audio, DVIP Ethernet control, RS-422/232 and PoE by a single Cat. 6A cable
- 12V 30W DC output at HBT-15 Transmitter Box side.
- Supports DVIP Control Protocol



#### HDBaseT Make It Single Wire





HBT-12 HDBaseT Receiver Box

- Support upto 4K 25/30p
- Support 60W POE
- Long distance 4K solution
- Carry everything in one ethernet cable
- Selectable control protocol: RS-232, RS-422 and DVIP



HBT-11 HDBaseT Receiver Box

- Extend 4K video transmission up to 70m
- Extend Full HD video transmission up to 100m
- Receive video, audio, DVIP Ethernet control, RS- 422/232 and POE from a single Cat.5e/6/6a/7 cable
- Supports HDMI as signal output





HBT-6 HDBaseT Receiver Box

- Supports up to 4K 25/30p with embedded multi-channel audio
- Transmit up to 60m at 1080p or 35m at 4K
- Supports HDMI Deep Color & full 3D & 4K@30
- Supports control over RS-232/ RS-422
- Supports default EDID and EDID learning from the display
- HDCP Compliant





**HBT-5** HDBaseT Transmitter Box

- Supports up to 4K 25/30p with embedded multi-channel audio
- Transmit up to 60m at 1080p or 35m at 4K
- Supports HDMI Deep Color & full 3D & 4K@30
- Supports control over RS-232/ RS-422
- Supports default EDID and EDID learning from the display
- HDCP Compliant





**PTR-15/15T** 4K Robotic Pan Tilt Head

- Various interfaces: SDI, HDMI, RS-232, RS-422, DVIP/HDBaseT, Tally, LANC
- 12G-SDI and HDMI2.0 supported
- Timecode/Genlock interface built-in
- Multiple choices of controllers: RMC-180 MARK II, RMC-300A
- Tally light built-in
- D-tap connector for DC output
- Selectable DC voltage output for different cameras
- Support optional Datavideo ZEK-1 Zoom Encoder Kit, and ZEK-2 to detect and read out the Zoom position of cameras on top
- Control Sony, Panasonic, Canon, JVC cameras
- Support HDBaseT technology (PTR-15T)

## **ROBOTIC PAN TILT HEAD**

Turn Your Camera Into a Robotic



PTR-10/10T MARK II Robotic Pan Tilt Head

- Turn camcorder into PTZ
- Multiple signal interface: SDI, HDMI, RS-232, RS-422, DVIP/ HDBaseT, Tally, LANC
- Diversified controller options: RMC-180, RMC-300, and HS-1600T series
- Control of Pan, Tilt, Zoom
- Support optional Datavideo ZEK-1 Zoom Encoder Kit, and ZEK-2 to detect and read out the Zoom position of cameras on top
- Max. Camera Weight 4kg
- Support HDBaseT technology (PTR-10T MARK II)



**ZEK-2** Zoom Control Kit for Tilta Nucleus-M Motor

- Active Zoom Driver Kit
- Motorized external Zoom control
- Pre-store and Re-call preset positions for Pan/Tilt/Zoom
- Special design for Lumix BGH-1 with M4/3 manual Zoom lenses
- Convert the manual Zoom camera into a Robotic Pan Tilt Zoom remote control camera



PCB-1 Camera Control Box

- Support to control Panasonic 2-ports remote cameras
- Compatible with RMC-180 MARK II, RMC-300A and IR remote control, can control Zoom, Focus, IRIS of Panasonic camera.
- Small size design
- Low power consumption. PCB-1 can be powered from the PTR-10 MARK II series device.



**WM-11** Professional Wall Mount for Robotic Pan Tilt Head

- Designed for Datavideo Robotic Pan Tilt Head including PTR-10 series
- Robust and durable setup
- With strong metal expansion bolts and three bubble level meters
- Can be mounted regularly or upside-down and support up to 50kg load



**CM-10** Professional Celling Mount for Robotic Pan Tilt Head

- Designed for Datavideo Robotic Pan Tilt Head including PTR-10 series
- Robust and durable setup
- Celling Mount with Long Tilt Arm included



## HAND CARRY PORTABLE STUDIOS

The World's Most Compact Video Studio





HS-4000 8 Input 4K Mobile Studio

- A complete professional broadcasting solution for switching, recording, streaming and monitoring
- Supports 8 channels UHD 4K60/50p inputs resolution
- 17" monitor with UHD 4K (3840 x 2160) LCD display
- 4K Streaming and backup recording via SD card
- Integrated 5" touchscreen display for easy operation
- 4 x Upstream keyers , 2 x DSK kevers and 2 x PIP



HS-3200 12 Input HD Mobile Studio

- A complete professional broadcasting solution for switching, recording, streaming and monitoring
- Supports 12 HD inputs in full 1080p resolution
- 4x upstream keyers, 2x DSK and 2x independent logos or dual chroma keyer
- Built-in animated stinger transitions and virtual set backgrounds



HS-2200 6 Input HD/SD Mobile Studio

- Supports up to 6 HD inputs in a variety of configurations
- · Built-in graphic overlay system for HDMI title input, software included
- Built-in 8 Channel Intercom/ Talkback system for communication with camera crew



HS-1600T MARK II 4 Input HDBaseT Mobile Studio

- Built-in HDBaseT technology allows you to run power, uncompressed video, camera control, and tally over a single CAT6 ("network") cable
- encoder and recorder
- joystick and preset buttons



HS-1300 6 Input HD Mobile Studio

- A complete solution for switching, recording, streaming and monitorina
- 4 SDI and 2 HMDI inputs, 3 HDMI outputs
- H.264 recorder and streamina encoder for segmless online broadcastina

- - Built-in H.264 dual streamina
  - Built-in camera controller with a



#### ICAST Presentation Switchers

#### NDI® HX



**iCAST 10NDI** 5-Channel All-in-one Presentation Switcher

- Switching the PGM via front panel pushing buttons.
- Best partner with TPC-700/P Touch Panel Controller to get easy control by finger
- Support IP switcher to get the video source from worldwide
- Real-time recording and streaming status on 2" LCD
- 6 channel ISO recording (channel 1-5, PGM)
- Different bitrate settings for streaming and recording
- H.264 & H.265 encode
- External audio input for audio mix.
- Decode up to 3 NDI signals



**iCAST mini** 4K Dual Channel Presentation Switcher

- Support up to 4K30/29.97/25 video formats
- 7" Touch screen for easy operating and monitoring
- Capture camera position picture to be Image Key
- Remote controlling of camera options
- 2 HDMI 1.4 Video Input + 1 HDMI
  1.4 PGM Output
- UVC output
- Ethernet RJ45 with integrated PoE
- Audio XLR (6.3mm) Combo Socket can be MIC input or Line audio input
- 1 x stereo RCA audio output
- Supports Audio Mixer and Audio delay
- Control by DVIP, RS-422 and RS-232



## **DIGITAL VIDEO SWITCHERS**





**SHOWCAST 100** 4K ShowCast Studio

- Support up to Ultra HD 4K/60 video formats
- Large 14" LCD Touch screen for operating and monitoring
- Support remote controlling of multiple camera options such as pan, tilt, zoom, iris, focus, shutter, and white balance
- The built-in H.264 encoder can instantly live streaming to any live broadcast platforms.
- Live-Streaming Vertical or Horizontal Video
- Built-in H.264 recorder for SD cards



**SE-4000** 4K 8-Channel Digital Video Switcher

- Supports 8 channels UHD 4K60/50p input and output
- Scaling on each available input
- Integrated 5" touchscreen display to adjust all the setting without any laptop or app needed
- Support Lumakey, Chromakey, Linear Key and Downstream Key
- 4 x Upstream keyers , 2 x DSK keyers and 2 x 3D borders PIP
- Professional Audio-to-Video Synchronization
- Support Still image thumbnails to capture important moments of your program



**SE-3200** 12 Input 1080p60 Switcher

- Supports 12 HD inputs in full 1080p resolution
- 4x upstream keyers, 2x DSK and 2x independent logos or dual chroma keyer
- Built-in animated stinger transitions and virtual set backgrounds



### **DIGITAL VIDEO SWITCHERS**



SE-1200MU 6 Input HD Switcher

- Supports 6 HD inputs
- 2x DSK and 2x PiP with dual chromakeyer
- Switch over IP, external control or RMC-260 control panel
- Built-in animated stinger transitions and virtual set backgrounds



**RMC-260** SE-1200MU Remote Controller

- A switcher style keyboard for controlling the SE-1200MU
- RS-232 interface for communication between RMC-260 and SE-1200MU



SE-650 4 Input HD Switcher 2 SDI and 2 HDMI Input

- 4 channel HD video switcher with audio mixer
- 1 SDI and 2 HDMI output channels
- Built-in animated stinger transitions and virtual set backgrounds



SE-500HD 4 Input 1080p60 Switcher 4 HDMI Input

- 4 channel video switcher with scalable inputs and outputs
- Built-in video scaler for mixed resolution/standards inputs up to 1080p
- Support virtual video switching



#### **DIGITAL VIDEO SWITCHERS ACCESSORIES**



#### Control for OBV/MS/HS/SE-3200 Switcher:

- Store and recall memory presets, Chromakey, and flex source settings
- PIP window sizing and position
- · Easily assign AUX outputs



**TPC-700** Touch Panel Controller

- Universal touch panel controller for: - iCAST 10NDI
  - HS/SE-3200
  - DVK-400
  - VGB-2000
  - VGB-4000



**TPC-700P** Touch Panel Controller with PoE

- Universal touch panel controller
  - for: - iCAST 10NDI
  - HS/SE-3200
  - DVK-400
  - VGB-2000
  - VGB-4000



#### Control for DVK-400 4K Chromakey: Support Aux Lumakey (Logo) on and off

 Provide Layer Swapping in front of the animation or behind the virtual objects, presenting the perspective effect like real.

#### Control for VGB-2000/4000 Professional presentation system:

- Provide presenter switch the scenes very easiv
- Including full screen of PowerPoint contents, video or a virtual studio scene, add creativity and dynamics to her presentation(VGB-2000)
- Provide Layer Swapping in front of the animation or behind the virtual (VGB-4000)

#### Control for iCAST 10NDI 5-Channel All-in-one Streaming Switcher :

- Provide presenter switch the scenes very easiy
- Store and recall memory presets
- PIP window sizing and position
- Recording and audio guick setting



## **MOBILE VIDEO STUDIOS**

Video Production On The Road



MS-2850 8 to 12 Input Flyaway Studio

- Supports up to 12 HD or SD inputs in a variety of configurations
- Flyaway case design for portability (+/- 60kgs depending on configuration)
- Standard fitted with 8 channel intercom



#### **REPLAY SYSTEM**



**RPL-100** Prores Replay System

- 2 channels instant replay system
- Simultaneous connect up to four cameras
- Easy-to-use touch screen interface
- Record and replay simultaneously
- Slow replay, play pause, reverse play
- Support SDI and HDMI interfaces
- Multiple input channel mixing selection
- Dual SATA drive slots, support hot plug while not recording



#### **4K MULTICAMERA PROCESSORS**



**KMU-300** 4K Multi-Channel ROI Streaming Switcher

- 2-in-1 switching modes for 16x9 or vertical video production
- Size and switch regions of interest from display
- Easily switching between cutouts by touch display
- 16:9 and 9:16 video streaming via built-in encoder
- H.264 recording built-in
- Cutouts selection by a joystick
- Four channel audio mixer and audio embedding





- Generates up to eight cutouts out of one or two 4K inputs
- 12G-SDI, Quad 3G-SDI or HDMI 2.0 inputs
- 8 channel switcher to switch between cutouts
- Create speed sensitive motion paths
- Control through RMC-185
  hardware controller
- Optional PC control software



RMC-185 KMU-100 Remote Controller

- Provides easy and intuitive control of the KMU-100
- Easily pan, tilt and zoom using the joystick to create the user defined windows on the 4K signal



## **STREAMING PLATFORM**



**dvCloud** dvCloud Live Streaming Platform

- Stream up to 5 Live sources to 25 platforms simultaneously
- Easily send SDI or HDMI over the internet with Datavideo NVS encoders and NVD decoders
- Automatically record to the cloud
- Supports the SRT (Secure Reliable Transport) protocol for low latency, reliable streaming
- Monitor all inputs and outputs from a single statistics view



**BB-1 Kit** dvCloud Remote Device Control

- Control various IP controllable device over the internet including Datavideo PTZ cameras, and switchers
- Enables numerous remote production workflows
- Each pair of BB-1 enables the control of five devices at each site
- A single dvCloud Professional subscription supports six BB-1s
- Firewall friendly, no IP knowledge required
- Supports low latency, reliable streaming via SRT



#### **ENCODERS**



#### NVS-40 4 Channel Streaming Encoder/ Recorder

- Quad input encoder (4 x HDMI, Channel 1 SDI/HDMI selectable)
- External audio inputs
- Supports Quad View, Full Screen, PiP, PBP, POP mode
- Streaming videos in RTMP(S), RTSP, SRT and TS formats
- Dual quality encoding per input up to 30 Mbps
- SSD drive recording

# 

#### **NVS-36** 4K Dual Streaming Encoder

- H.264/H.265 streaming and recording simultaneously.
- File System: FAT32/exFAT, for continuous recording without file size limitation.
- Selectable audio output: embedded audio/external audio/mixed audio
- Streaming videos in RTMP(S), RTSP, SRT and TS formats
- LED indicator showing the status or the detections.
- Dual streams to CDNs

#### **ENCODERS**

# DECODERS





**NVS-35** Dual Stream H.264 Video Encoder

- 1x SDI / HDMI input
- Support dual streaming to different platforms.
- Support vertical streaming.
- Streaming videos in RTMP(S), RTSP, SRT and TS formats
- Record on SD card, easy to store
- XLR and RCA audio inputs are provided.
- Supports FAT32/exFAT/NTFS file system for continuously recording

- NV5-33
- H.264 Video Encoder SDI/HDMI
- 1x SDI / HDMI input
- Supports different bitrates for recording and streaming simultaneously
- Streaming videos in RTMP(S), RTSP, SRT and TS formats
- Record on SD card, easy to store
- Supports FAT/exFAT/NTFS file system
- Support Unicast and Multicast
  Seamless integration with Datavideo dvCloud streaming platform

protocols including SRT

**NVD-40** 

4K HDMI IP Video Decoder

Decodes video from Datavideo

encoders, YouTube and Vimeo

• STB functionality for use as a set-

Decodes all common streamina

Output video up to 3840x2160p

top-box

50/60

4K

NVD-35 MARK II SDI IP Video Decoder

- Decodes video from Datavideo encoders, Youtube and Vimeo
- STB functionality for use as a settop-box
- Decodes all common streaming protocols including SRT
- Seamless integration with Datavideo dvCloud streaming platform



NVD-30 MARK II HDMI IP Video Decoder

- Decodes video from Datavideo encoders, Youtube and Vimeo
- STB functionality for use as a settop-box
- Decodes all common streaming protocols including SRT
- Seamless integration with Datavideo dvCloud streaming platform



# RECORDERS

Capture Your Creativity



HDR-90 ProRes 4K Dual Disk Recorder 1U Rackmountable

- Large 5" LCD Touch screen for operating and monitoring
- Support ISO recording of four HD videos and playback
- 12G/3G/HD-SDI and 4K/ HD-HDMI input, output with embedded audio
- A recorder that can be operated like a 4-channel video switcher
- Records on two 2.5" SSDs
- Supports close caption



HDR-80 ProRes 4K Dual Disk Recorder Desktop

- Large 5" LCD Touch screen for operating and monitoring
- Support ISO recording of four HD videos and playback
- 12G/3G/HD-SDI and 4K/ HD-HDMI input, output with embedded audio
- A recorder that can be operated like a 4-channel video switcher
- Records on two 2.5" SSDs
- Supports close caption





HDR-2 4K H.265 Recorder

- Supports up to 4K 50/60 resolution recording to SD card
- HDMI 2.0 input, output and loop-through output
- 2"LCD for menu setup and monitoring
- Support H.265/H.264
  recording
- XLR audio input x2 and RCA input x 2
- Redundant Power recorder (UPS)
- Supports DVIP, RS-422/RS-232 and GPI remote control



**RP-79** HDR-80 Rack Tray

- Special designed to accommodate two HDR-80 recorders
- Providing dual machine operation in OB Vans or studios.



#### **MONITORS** Broadcast Quality LCD Monitors





TLM-170K/KM/KR 17" ScopeView Production Monitor

- DCI 4K/60p and UHD 4K/60p signals on input and output
- 17" monitor with UHD 4K (3840 x 2160) LCD display
- Support column (YRGB peak), time code, waveform, vector scope & audio level meter, peaking focus assist, zoom, pix to pix, underscan, check field, etc
- 12G-SDI video input with loopthrough output
- HDMI 4K input with loop-through
  output
- DSLR Scaling for Full Screen
  Viewing
- Time Code Display (LTC/VITC)



**TLM-170F/FM/FR** 17" ScopeView Production Monitor

- DCI 4K/60p and UHD 4K/60p signals on input and output
- 17" monitor with FHD (1920 x 1080) LCD display
- Support column (YRGB peak), time code, waveform, vector scope & audio level meter, peaking focus assist, zoom, pix to pix, underscan, check field, etc
- 12G-SDI video input with loopthrough output
- HDMI 4K input with loop-through output
- DSLR Scaling for Full Screen
  Viewing



TLM-170V/VM/VR 17" ScopeView Monitor

- 17" Full HD 1920x1080 panel resolution
- 1 x 3G/HD/SD-SDI 2 x HDMI Inputs
- Support column (YRGB peak), waveform, vector scope & audio level meter, peaking, zoom
- SDI, HDMI cross conversion



4K

TLM-700UHD 7" 4K Monitor

- 1920x1200 panel resolution
- UHD 50/60P HDMI input and loop out power available by batteries
- Support focus assist, false color, histogram, exposure, zoom, pixel to pixel, under-scan, check field
- Can be powered by batteries



TLM-102 Dual 10" Monitor

- 1280x800 panel resolution
- 1 x 3G/HD/SD-SDI, 1 x HDMI inputs and loop outs
- SDI, HDMI cross conversion

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# **AV CONVERTERS**

Signal To Signal Perfection



DAC-70 Up Down Cross

- Convert video signals from VGA, HDMI, SDI with Audio input to 3G/HD/SD SDI and HDMI ouptuts
- 3G-SDI technology with full 10 bit processing and low SDI jitter
- RCA audio embedding



DAC-60 SDI to VGA

- Supports 3G/HD/SD-SDI to VGA conversion
- SDI loop through is unaffected by the adjustments to the VGA signal



DAC-50S HD-SDI to Analogue

- Converts 3G/HD- SD SDI input to analogue video and 2 unbalance analogue audio channels
- Two available output combinations:
- 1 x YUV output & 1 x CV output
- 1 x S-Video (Y/C) output & 2
- x CV outputs



**DAC-45** 4K Up Down Cross

- Supports VGA/HDMI/SDI to 4K HDMI/3G-SDI multi-format up/down/cross conversion
- Built-in De-interlacer and Interlacer (I/P conversion)



# **AV CONVERTERS**

Signal To Signal Perfection



DAC-9P 4K 4K HDMI to SDI

- Supports up to DCI 4K (4096 x 2160) and UHD 4K (3840 x 2160)
- Supports 2x 12G-SDI output
- HDMI 2.0 input and loop-thru
  output
- Supports Re-Clocking
- Provides additional 2-Channel RCA analog audio embedded



DAC-9P HDMI to SDI

- Supports HDMI to 3G/HD/SD-SDI conversion
- Audio can be embedded within SDI output signal
- Supports YUV and RGB color space



DAC-8P 4K 4K SDI to HDMI

- Supports up to DCI 4K (4096 x 2160) and UHD 4K (3840 x 2160)
- 12G-SDI input and loop-thru output
- Supports HDMI 2.0 to 18 Gbps Video bandwidth
- Supports Re-Clocking
- Provides Additional 2-Channel RCA Analog Audio Output



DAC-8PA SDI to HDMI

- Supports 3G/HD/ SD-SDI to HDMI conversion
- Loop through SDI output with embedded audio
- Supports YUV and RGB color space

## **CONVERTER ACCESSORIES**



#### **RMK-2** 2U Rackmount Kit for DAC

- Rackmount Frame to hold up to 8 DAC Converters
- Built-in power distributor for up to 8 converters

# **DISTRIBUTION AMPLIFIERS**





- 1 x HDMI input and 4x HDMI outputs
- Supports 4K2K@60 4:4:4 8bits
- Supports High Dynamic Range, which is 4K2K@60 4:2:0 10bits
- HDMI 2.0a compliant, HDCP 2.2 and 1.4 compliant
- Supports Dolby Digital, DTS-HD and Dolby TrueHD audio



VP-597 2x6 3G-SDI Splitter

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



VP-901 SDI Distribution Amplifier

- 1x SDI input, 8x SDI outputs
- Supports up to 3840x2160p
- Signal auto detection and reclocking
- Useful applications in digital signage, indoor, and outdoor studios
- LED indication of signal lock and video rate



## **UVC INTERFACE**





CAP-1 SDI to USB 3.0 Capture Box

- 1080p60 video transmission over USB 3.0
- 1 x SDI video input
- 3G-SDI audio and video capture
- Connect to video conferencing
- Plug and play operations with video format (resolution and frame rate) auto-detection capability

CAP-2 HDMI to USB 3.0 Capture Box

- 1080p60 video transmission over USB 3.0
- 1 x HDMI video input
- HDMI 1.4 audio and video capture
- H.264 video recording format (software compression)
- Plug and play operations with video format (resolution and frame rate) auto-detection capability
- Connect to video conferencing

## **REPEATERS**



VP-929 4K HDMI Repeater

- Easily extend up to 4K HDMI signal to another 10m in up to 4K resolution and up to 15 meters in HD resolution.
- Powered by HDMI signal or external USB power supply
- Secure HDMI cables with regular zip ties
- Cost effective way of extending HDMI signals



**VP-737** Composite Signal Repeater

- Wired composite video transmission as far as 200 meters
- Completely adaptive quick, easy installation and setup, no configuration required
- Cat5e extension design make use of existing Cat5e or better wiring infrastructure



VP-634 100m SDI Repeater (Unpowered)

- Supports 3G/HD/SD-SDI
- Each extended SDI signal up to 200m, allowing runs of up to 1000m
- Requires VP-633 in chain to supply power



VP-633 100m SDI Repeater (Powered)

- Supports 3G/HD/SD-SDI
- Each extended SDI signal up to 200m, allowing runs of up to 1000m



## INTERCOM



ITC-300 Digital IP intercom system

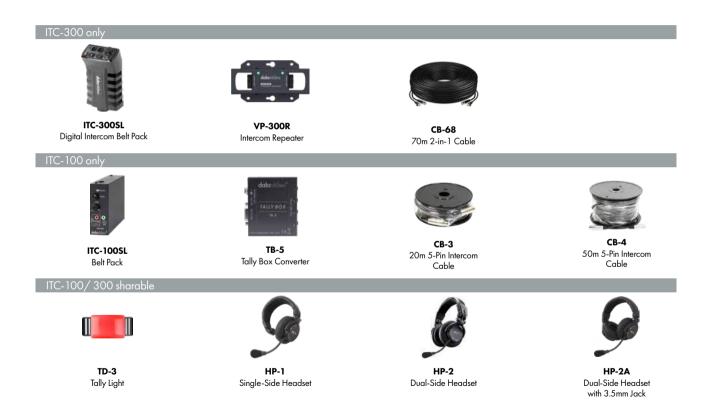
- 1U Rackmountable 8 channels Intercom System
- Transmits two ways talk, and tally over single CAT cable
- Communication distance up to 100 meters
- Selectable channel talk, broadcast to all or mute
- Bi-colour tally light indicator



ITC-100 Intercom System

- 1U Rackmountable 8 channels Intercom System
- Communication distance up to 200 meters
- Selectable channel talk, broadcast to all or mute

# **INTERCOM ACCESSORIES**





## **VIRTUAL STUDIO SYSTEMS**





- 3D tracking through camera crane, complete true 3D virtual studio production
- 2 channels 4K 25/30P
- Standard 4 channels HD optional expandability to 8 channels production
- Supports NDI technology
- Multi-channel streaming and decoding
- Professional graphic layout function
- Built-in software audio mixer



TVS-2000A 3D 2 Input 3G-SDI Tracking & Trackless

- Supports Tracking and Trackless Virtual Studio simultaneously
- Supports Datavideo PTZ camera as a tracking camera
- Supports 2x SDI and 1x HDMI video input/output
- 100 free virtual sets included



#### TVS-1000A 2D 1 Input HDMI Trackless

- Trackless Virtual Technology
- Provides real simulation virtual studio with single button.
- Supports 1x HDMI camera input and 1x HDMI aux input
- Supports 2x HDMI output
- Five in One System: Virtual Studio, Switcher, Character Generator, Recorder and Web Streaming
- 200 free virtual sets included



## **CHROMAKEYER**





#### DVK-400 4K Chromakey

- Real-time chromakeyer with 4:4:4 10-bit internal process
- Advanced algorithm can present transparency, smoke, reflection and shadow in detail
- Easy spill suppression with color enhancement
- Program and Preview with mirror option
- Supports up to 4K by free firmware upgrade in the future
- Background supports 1x HDMI

### **CHROMAKEYER ACCESSORIES**



MAT-2 Green Color Plastic Mat 1.8M x 27M Floor Use



MAT-5 Green Color Plastic Mat 1.8M x 54M Wall use



MAT-7 Blue Color Plastic Mat 1.8M x 54M Wall use



**TA-1** Green Color Tape 48mm x 25M



**TA-2** Green Color Tape 96mm x 25M



**TA-3** Blue Color Tape 48mm x 18.3M



## AUDIO MIXING AND MANAGEMENT



DAC-80 2 Channel Audio Isolation Transformer

- Very low distortion and close to zero attenuation
- Eliminate audio noise caused by ground loops
- No Power needed



**DAC-90** SDI Audio De-embedder

- De-Embed Audio from SDI Signal
- Auto detects video format, support up to 1080P 50/60
- Assignable De-embedded audio signal
- Audio level indicator display



**DAC-91** SDI Audio Embedder

- Auto detects SD and HD signals
- Auto sets compatible formats to embed external sound sources to SDI output
- 4 x Analogue Audio inputs (Mini XLR x 2, RCA x 2)





**AD-10** Audio Delay Box

- Audio & video synchronization
- Delay up to 400 ms
- Power by external USB power supply
- Audio level control to make up or add gain
- Switchable for microphone input or audio line input
- Switchable condenser / dynamic microphone
- Stereo RCA output connectors for wide compatibility
- Simple controls and LED indicators
- Compact and lightweight design

## AUDIO MIXING AND MANAGEMENT

# Addated and a constraint of the second secon

- Support up to 3 sec audio delay adjustment for each input channel
- 6-CH Audio mixer and matrix router to 4-CH audio outputs

AD-300 Audio Delay Box

- 5 Channel audio mixer and matrix router to 2 channel audio outputs
- Support up to 3sec audio delay adjustment for each input channel
- Built-in balanced or unbalanced audio conversion
- Audio Processors: Compressors, Limiters, Gate, Expander, Filter and Equalizer
- Audio level adjustment of each input
- Audio gain control

#### 

AM-100 Audio Mixer

- Audio level indicator display
- Supports A+V function, the audio can be switched simultaneously with the video
- Supports XLR microphone input and +48V phantom power



### **TELEPROMPTERS**



**TP-900** Presentation Prompter for PTZ Camera

- Designed Specifically for PTZ Cameras
- Unique and innovative design, suitable for any PTZ camera
- Built in Teleprompter application
- Easy control and monitoring via Ethernet
- Synchronize multiple units via HDMI or IP
- Powerful rich text editor and Real Time Editing
- P2P Interview Configuration



**TP-800** Portable Conference Teleprompter

- Built into a ruggedized carry case
- Completely freestanding and standalone
- dv prompter Plus software built in
- Can be powered by the mains or a V-Lock battery
- HDMI input and output can be used to connect multiple TP-800s together
- HDMI output can be used to drive external displays
- Can be monitored and controlled via IP



**TP-700** Presentation Prompter for ENG Camera

- 15" LCD screen with dvPrompter Plus software built in
- Mount cameras up to ENG size to the rear rail or use freestanding in front of any camera
- Can be mounted to any tripod or light stand in freestanding configuration
- Supports up to 19" talent monitors via VESA 75 and 100 mount
- Supports mains and V-Lock battery power



**TP-650** Large Screen Prompter Kit for ENG Cameras

- Easy to use tablet teleprompter
- iOS and Android app available
- Suitable for tablets up to 15.6"



#### **TELEPROMPTERS**



TP-500 DSLR Prompter

- Easy to use tablet teleprompter
- iOS and Android app available
- Suitable for tablets up to 11.6"



**TP-300** Tablet Prompter

- Easy to use tablet teleprompter
- iOS and Android app available
- Suitable for tablets up to 11.6"



**TTL-100** Through the Lens Kit

- Turns the TLM-700K / TLM-700UHD into a "through the lens" monitor
- Allows the talent to see themselves while looking directly into the centre of the camera lens
- Used with web conferencing software for remote interviews, allows you to see your guest while looking directly into the centre of the camera lens
- Can be mounted to all tripods and light stands
- Features a 1/4 mounting rail for box cameras and web cameras, can also be used freestanding



FS-30 Foot Switch

- Compatible with the Datavideo TP-800 Teleprompters
- Connects via USB and offers three pedals with independent functions
- Supports control of both scrolling text and slides.
- Non-contact photoelectric
  sensors for near silent operation



WR-500 Bluetooth Teleprompter Remote Control

- Bluetooth wireless remote for teleprompters
- Compatible with Apple and Android tablets



#### HARD CASES



HC-600 Hard Case for TP-600/650 Teleprompter Kit



**HC-700** Water, Dust and Crush Resistant Case - Trolley Style (XL)



**HC-800** Water, Dust and Crush Resistant Case - Trolley Style (XXL)



HC-800FS Water, Dust and Crush Resistant Case with foam compatible with PTC-280, PTC-140T and PTC-150TL - Trolley Style (XXL)



# BREAKING NEWS TURTLES SPOTTED IN NEW YORK

Four Human Size Turtles spotted eating pizza!

LIVE

68 **OBRK** 

TUNE IN LATER TONIGHT TO HEAR HOW YOU CAN TURN YOUR NEIGHBOR INTO...

# **CHARACTER GENERATORS**

Slap A Title On It

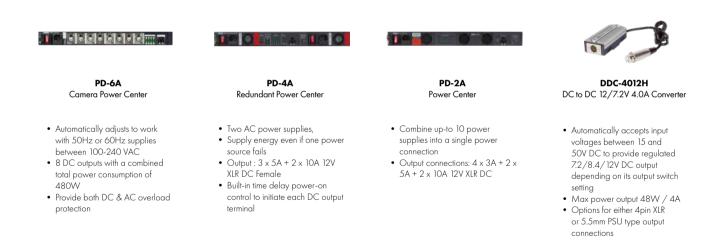


**TC-200** SDI Title Creator

- Portable title creator
- Compatible with CG-200, CG-300, and CG-500
- Supports downstream and up stream (key and fill) keys
- Supports HDMI, HD/SD-SDI connections



# **POWER DISTRIBUTION**





## **ALL IN ONE CABLES**



CB-22H HD/SD 30m 4-in-1 Cable (HD-SDI/ITC/CV/DC Power)



CB-30 HD/SD 30m 4-in-1 Cable for Multi-Camera Control (HD-SDI/ITC/CV/Cat-5)



CB-47 HD/SD 50m 2-in-1 Cable (HD-SDI/ITC)



CB-23H HD/SD 50m 4-in-1 Cable (HD-SDI/ITC/CV/DC Power)

CB-31

HD/SD 50m 4-in-1 Cable

for Multi-Camera Control

(HD-SDI/ITC/CV/Cat-5)

CB-61

HDMI Active Optical Cable - 50m



CB-24 SD 100m 3-in-1 Cable (SDI/ITC/CVBS)



CB-46 HD/SD 30m 2-in-1 Cable (HD-SDI/ITC)



HDMI Active Optical Cable - 100m

CB-62

# NOTE

# NOTE





Disclaimers of Product and Services

This brochure is intended as a guide only. We reserve the right to change specifications and availability without prior notice. While we strive for complete accuracy, be aware that it may contain errors and omissions. Prior to purchase, please check with your local Datavideo office or authorised distributor.