



# Digital Video

**Take the hassle out of designing  
and installing digital video  
based video systems!**

**Connect with  
Confidence**



### DV SWITCHERS

#### DV-HMSW4K-44AUD 4x4 HDMI 2.0 Matrix

The DV-HMSW4K-44AUD is a high-performance HDMI® 2.0 4x4 Matrix Switcher with four SPDIF coaxial and analog audio outputs. It allows any Ultra HD source (e.g., Blu-ray disc™ player, HD DVD player, satellite receiver, gaming console, etc.) to be shown simultaneously on up to all four outputs.

- HDMI® 2.0 version (Supports 4K@60Hz YUV4:4:4)
- Bandwidth up to 18Gbps
- HDCP 1.4/2.2 compliant
- Supports HDR10, HLG, Dolby vision
- 4 x HDMI® Input, 4 x HDMI® output with 4 x SPDIF coaxial Audio, and 4 x Analog Audio



AUTO SWITCHING

#### DV-T6SS4K-41A 4x1 Presentation Scaling Switcher

The DV-T6SS4K-41A is a multi-format presentation scaling switcher with four HDMI® inputs and one output. It allows any HDMI® source (e.g., Blu-ray disc™ player, HD DVD player, laptop, tablets, portable devices, etc.) to be shown on the main output display with a breathtaking 4K scaled output.

- 4 x HDMI® video inputs
- HDMI® inputs support up to 4Kx2K @60Hz
- Supports multiple HDMI® output resolutions, such as 4Kx2K @60Hz, 4Kx2K @30Hz and 1080P
- Easy integration with control systems via LAN, RS-232 or control via web GUI
- Auto-source detection with external display control via CEC or RS-232 for seamless collaboration systems
- HDCP 2.2 & 1.4 compliant
- Provides HDMI® audio extraction, via 3.5mm jack
- Audio embedding via front panel 3.5mm input jack



AUTO SWITCHING

#### DV-HSW4K-41AUD 4x1 HDMI Switcher

The DV-HSW4K-41AUD is an ultra thin auto switcher with four HDMI® video inputs and one HDMI® output. This switcher supports HDMI® video resolution up to 4K @60Hz 4:4:4 HDR and multichannel audio. The switcher will de-embed digital stereo audio to provide an audio source for an audio system.

- Supports video resolution up to 4K @60Hz 4:4:4, Dolby Vision, HDR
- Fully compliant with the HDMI® 2.0 and HDCP 2.3 specifications
- Supports Auto switching mode. LIFO (Last in First Out)
- Advanced EDID management: multiple preset and user defined allowed
- Supports audio return channel (ARC)
- 18Gbps high bandwidth
- Controllable via RS-232 and IR
- Supports CEC



AUTO SWITCHING

#### DV-HDSS-41-Tx\* Digital Video 4x1 Scaling Switcher with HDBaseT™ & HDMI® outputs

DV-HDSS-41-Tx is a multi-format scaling switcher with 4 inputs, 1 local HDMI® scaled output and 1 HDBaseT™, along with a balanced line level audio out. The 4 inputs include: 2 HDMI®, 1 DisplayPort, and 1 VGA (HD-15) with stereo audio (1/8"). Powered locally, it can remotely power any of our 100 meter HDBaseT™ receivers via the CAT-6A shielded cable.

- 4x1 Switcher with HDMI® and HDBaseT™ Output
- HDMI® 1.4 Input Supports up to 4K UHD / 2160p (3840x2160) @60Hz. (4:2:0 8-bit) resolutions, HDCP 1.4 Compliant
- HDBaseT™ Output up to 100m via CAT-6A shielded cable to a compatible FSR HDBaseT™ 100m Receivers
- Display control via CEC on both the HDMI® Output and HDBaseT™ Outputs
- Switcher controlled via RS-232, Front Panel, Contact Closure (with +12V LED's), or Autosense (Priority or Last In/LIFO)



AUTO SWITCHING

## DV SWITCHERS (cont'd)

### DV-HSW-21CEC\* 2X1 HDMI® Digital Switcher

The DV-HSW-21CEC is a 2x1 HDMI® switcher supporting up to 4K x 2K @30Hz. This switcher has 1 HDMI® input supporting resolutions up to 4K x 2K @30Hz. It features 4-way control and has simple front panel push buttons, screw terminal contact closures with LED feed-back, RS-232 serial control, and autosense switching technology.



AUTO SWITCHING

### DV-MFSW-21A\* 2X1 VGA/HDMI® Digital Switcher

The DV-MFSW-21A is a HDMI® + VGA & Audio to HDMI® switcher capable of handling 4K resolutions (4K 2160p [3840x2160] @60Hz (4:2:0) in a small footprint. This switcher provides LED Feedback for contact closures and will work with FSR's Table Boxes that have integrated LED's and push buttons for a compact HuddleVU System. Features include a locking 12V power supply; control via front panel push-buttons, contact closure, RS-232 via Phoenix 3-pin, and Auto-Sensing.



AUTO SWITCHING

### MODELS AVAILABLE THAT OFFER CEC SUPPORT

The DV-HSW-21CEC and DV-MFSW-21CEC models can automatically power-up displays that have CEC capability when a source is connected. They can also power the display off after the input signal is removed for 2 minutes. Using this new CEC feature along with the auto-sense feature allows users to simply connect an input cable to a laptop or other source, and the unit will then switch to that input and turn the display on. Disconnecting the input will turn off the display after a 2-minute delay.

Switchers on these two pages, marked with an \*, can be easily integrated with FSR's full line of HuddleVU collaboration kits. They can also be easily controlled via our FLEX Control Systems.



## DV DISTRIBUTION AMPLIFIER

DV Distribution Amps are used where a single HD source needs to feed multiple displays such as classrooms and overflow areas

### DV-HDA4K-12AUD & DV-HDA4K-14AUD

- Supports 18Gbps video bandwidth
- HDMI® 2.0b, HDCP2.2/HDCP1.4 compliant
- Supports video resolutions up to 4K x 2K @50/60Hz (4:4:4) HDR
- Supports S/PDIF digital and analog audio extraction
- Output ports support independent 4K->1080P down-scaler function via the dip switch settings on device
- EDID can be set to copy output 1's EDID setting for all output ports or compare all EDID settings and outputs the best resolution



DV-HDA4K-12AUD



DV-HDA4K-14AUD



## USB Type C® Digital Ribbon Cables

**NEXT GENERATION**  
DIGITAL RIBBON CABLES

### DR-C3.1-xxM Digital Ribbon USB Type-C® Cables

- Supports USB 3.1 Gen 2 10Gbps data rate
- Provides 900 mA current transfer limit
- Offered in 10m and 15m lengths
- Supports Windows & Apple iOS
- Plug & Play without the need for software
- Enhanced Pull Strength of 15kg/33lbs
- Plenum Rated - Type CMP/FT6



## DR-EDID2

The DR-EDID2 Emulator is designed to manipulate the EDID information provided to a connected HDMI source or any device connected prior to the unit in the HDMI chain.

- 5 preinstalled EDID
- Passive inline device – No external power needed
- Bi-directional (bi-gender). It can be used in either direction
- HDCP 1.4 / 2.2 Compatible
- Hot pluggable
- Supports HDMI 1.3/1.4/2.0
- Supports up to 4K/UHD @ 60Hz
- Learns and Stores up to 3 EDID tables from any Display
- Restores reliable image display to bandwidth limited system



**DR-EDID2**  
EMULATOR



## HDBaseT™ 100 METER TRANSMITTERS & RECEIVERS

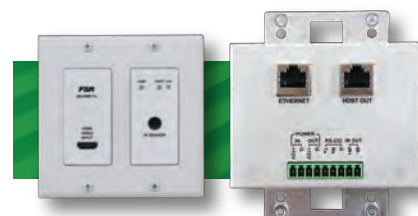
Any 100 Meter Transmitter (Tx) can be used with any 100 Meter Receiver (Rx)

- HDBaseT™ 5Play™ Units that transmit uncompressed full HD digital HDMI® video, Audio, Control (Bi-directional IR & RS-232), 100BaseT Ethernet, and Bi-directional PoH.
- Input resolutions: Supports 4k 2160p (3840x2160) @60Hz (4:2:0) / 1080P / 1080i / 720P / 576P / 480P / 576i / 480i
- For best resolution and ESD performance Shielded CAT-6A cable is recommended.
- HDBaseT™ transmits out to 100 Meters via Shielded CAT-6A cable at resolutions up to 1080p @60Hz (48 bpp) or 4K 2160p (3840x2160) @60Hz (4:2:0).
- Sets are powered via 12V 2A DC power supply which allows 2-way powering. Power the set from the Transmitter or the Receiver (TX-RX or RX-TX).
- Power supply included with all receivers.



### HD-HWP-Tx Transmitter Wall Plate

HDBaseT™ HDMI® 2-gang Decora style wall plate transmitter (HDMI® only version of HD-HPCWP-Tx wall plate).



**AUTO**  
**SWITCHING**

HD-HWP-TX

HD-HWP-TX BACK

FSR is now stocking West Penn HDBaseT™ Certified Category 6A Plenum Cable Assemblies in pre-terminated lengths from 50' to 330' (15 meter to 100 Meter). These plenum rated cables come in specific lengths with the shielded connectors already attached and will work with all of our FSR HDBaseT™ Products.

## HDMI® Digital Ribbon Cables

FSR's Next Generation Digital Ribbon Cables utilize a proprietary technology to allow high speed, high definition HDMI® signal transmission over distances of up to 328 ft.

### DR-H2.0-xxM HDMI® 100m Digital Ribbon Cables

- HDMI® high speed 4k @60Hz YUV 4:4:4 and supports all HDCP versions
- Now supports HDMI® 2.0, DDC for HDCP, EDID, PCM, Dolby, DTS-HD and True HD audio
- UL Listed, Plenum Rated (Type CMP, CMR) hybrid copper and polymer cables
- Overcomes distance limitations of conventional HDMI® cables
- Integrated Aramid cords increases pull strength to 44lbs
- Cable and connectors easily fit within a 1" conduit
- ARC compatible

### DR-H2.1-xxM 8K HDMI® 10-30m 8K Digital Ribbon Cables

- Supports up to 6' standard copper HDMI® extension cables for 4K 60Hz in-the-wall applications
- Video resolution up to 8K @60Hz YUV 4:4:4 and supports all HDCP versions
- Supports a bandwidth of 48 Gbps
- Lengths from 10m to 30m
- First Ultra High Speed Certified Active Optical 10m and 15m 8K cable 23m and 30m certification coming soon
- Signal integrity is uncompromised
- Multi format compatibility
- No external power or special tooling required
- Cable and connectors easily fit within a 1" conduit
- Plenum Rated - Type CMP/FT6
- Supports DDC for HDCP and EDID
- Supports PCM, Dolby, DTS-HD and True HD audio
- ARC compatible
- UL Listed

**NEXTGENERATION**  
DIGITAL RIBBON CABLES

with  
**CoilGuard™**

### DR-H2.0-SR-xxM and DR-H2.1-xxM 8K with Coil Guard

#### Digital Ribbon Cable with SS Reinforced Jacket

- Discreet stainless steel reinforced inner jacket
- Enhanced Pull Strength of 100 lbs.
- HDMI® with 4K @60Hz YUV 4:4:4 & supports all HDCP versions for our 4K SR cables
- Our newest SR cables can now handle up to 8K @60Hz 4:4:4 HDR uncompressed HDMI® video and are ARC compatible
- Ultra High Speed Certified 10m and 15m 8K CoilGuard cables
- Supports DDC for HDCP, EDID, PCM, Dolby, DTS-HD and True HD audio
- Overcomes distance limitations of conventional HDMI® cables
- ARC Compatible
- Suitable for Rough Service. Short term load limit of 2000N/100mm (450lbs./4")

**NEXTGENERATION**  
DIGITAL RIBBON CABLES

Plenum  
Rated  US

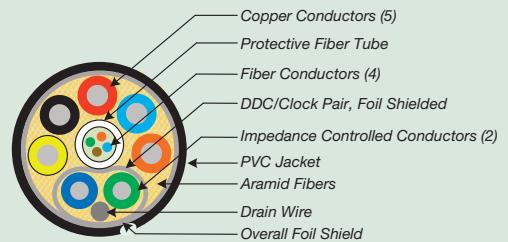


**4K**



**8K**

\*10m & 15m lengths only



**4K**



**8K**



\*10m & 15m lengths only

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# HDBaseT™ 100 METER TRANSMITTERS & RECEIVERS WITH USB

## \*HD-HPCUWP-TX 100m

### HDBaseT 2.0 Transmitter Wall Plate

The HD-HPCUWP-TX is a 2x1 switcher for HDMI® and VGA w/audio inputs with an HDBaseT 2.0 output. It features standard two-gang mounting, with one HDMI®, one VGA plus audio input and a separate stereo audio channel on a 3.5 mm connector. The USB port is configurable to be a host or a device. HDMI® signals up to 4K/UHD @60 (YUV 4:2:0 color sub-sampling), VGA input signals up to 1920 x 1200, embedded audio, and control signals can be extended up to 328 feet (100 meters).

\*Limited stock availability

## HD-HU-SP-Tx & HD-HU-SP-Rx HDBaseT 2.0 and USB Transmitter & Receiver Sets

Based on HDBaseT™ 2.0 Technology these true HDBaseT™ 5-Play devices transmit HD Video (up to 4k @60hz), Audio, Bi-Directional Control (IR & RS-232), Ethernet, and Bi-directional Power via 1 CAT-6A shielded cable out to 100 Meters. They also carry two-way USB 2.0 on the same cable. There is also an analog audio-in on the TX and analog audio-out on the RX unit.

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# HDBaseT™ 150 Meter and 70 Meter Extender Sets

## HD-H1504K-SP

### HDMI Extender Set

The HD-H1504K-SP is an 18Gbps HDMI® extender set that allows HDMI®, RS-232, and bi-directional IR signals to be extended to a distance up to 492ft / 150 meters –between the transmitter and receiver via a single CAT cable.

The maximum extended transmission distance via a single Cat5e/6 cable:

- 394ft / 120 meters for 4K2K signal
- 492ft / 150 meters for 1080P signal

## HD-H704K-WP HDBaseT™ 70M Wall Plate Set

The HD-H704K-WP 18G HDMI® extender consists of a single gang wall plate transmitter and a small thin brick receiver. The extender adopts PoC technology to extend 4K @60Hz 4:4:4 HDMI® video to distances up to 40 meters (131 feet) and 1080p @60Hz video to distances up to 70 meters (230 feet) over a single CATx cable. It supports bi-directional RS-232 and IR pass-through to control source or display devices remotely. It also supports CEC pass-through. HDBaseT™ (PoC) feature allows the transmitter to be powered by the receiver over the CATx cable.



Specifications are subject to change without notice.

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