



Digital Video

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

Connect with Confidence

DV SWITCHERS

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
- HDCP 2.2 & 1.4 compliant
- Provides HDMI® audio extraction, via 3.5mm jack
- Audio embedding via front panel 3.5mm input jack
- 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



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
- VGA (HD-15) Input Supports up to 1920 x 1200 @ 60Hz
- HDBaseT 5-Play: HD Video, Audio, Control (RS-232), 100Base-T Ethernet, and PoH (Power Over HDBaseT) Transmitter
- 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-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. In auto-sense mode, the switcher will switch when the current video source being displayed is turned off either via keyboard function buttons or from signal loss. This option help in making these a perfect solution for any system.



AUTO SWITCHING

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

DV SWITCHERS (cont'd)

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.

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-HDA-12AUD HDMI® 1 X 2

Distribution Amplifier with Built-in Audio De-embedder

- Supports resolutions up to 1080p@60Hz, 4K@30Hz
- Splits a HDMI source to two outputs without loss
- Extracts the audio from HDMI source via analog outputs
- Dolby TrueHD and DTS-HD master audio pass-through on HDMI output
- Advanced EDID management for rapid integration of sources and displays
- Small compact size
- HDCP "off" modes to support integration of non-HDCP devices



DV-HDA-14AUD HDMI® 1X4

Distribution Amplifier with Built-in Audio De-embedder

- Advanced EDID management for sources & displays
- Extract the audio from HDMI® source via analog outputs (RCA)
- HDTV Resolutions: 1080P 60Hz., 4K 2160p (3840x2160) @30Hz
- VESA Standard Resolutions to UXGA (1600x1200) @ 60Hz



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® 50-100m 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



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")

NEXT GENERATION
DIGITAL RIBBON CABLES



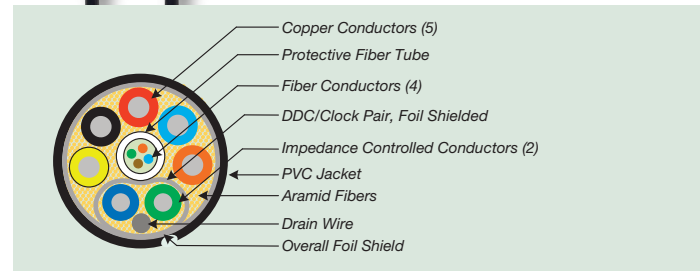
4K



8K



*10m & 15m lengths only



4K



8K



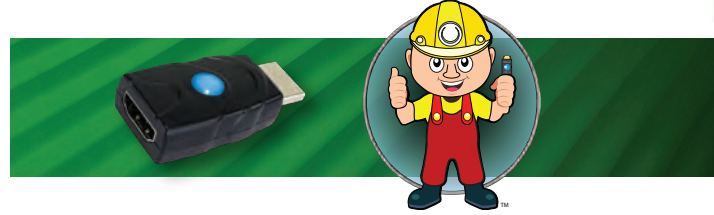
*10m & 15m lengths only

DR-EDID

The DR-EDID 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.

- 16 preinstalled EDID settings
- 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 up to 4K/UHD @ 60Hz
- Supports HDMI® 1.3/1.4/2.0
- Learn and test the EDID from any Display

DR-EDID™
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 o RX-TX).
- Power supply included with all receivers.



*HD-HPCWP-Tx Switcher / Transmitter Wall Plate

HDBaseT™ HDMI® + VGA & Audio Switcher 2-gang Decora style wall plate transmitter. HDBaseT™ 5-Play device that transmits HD Video, Audio, Bi-directional Control (IR & RS-232), Ethernet, and Power via 1 CAT-6A shielded cable out to 100 Meters. Powered by any FSR 100m Receiver or locally. *Limited stock availability.

HD-HWP-Tx Transmitter Wall Plate

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

*HD-H-SP-Tx Transmitter

True HDBaseT™ 5-Play device that transmits HD Video, Audio, Bi-Directional Control (IR & RS-232), Ethernet, and Power.

*Limited stock availability

HD-H-SP-Rx Receiver

HDBaseT™ 5-Play Receiver, receives HD Video, Audio, Bi-Directional Control (IR & RS-232), Ethernet, and Power (ships with power supply).

AUTO
SWITCHING



*HD-HPCWP-TX

HD-HWP-TX

HD-HWP-TX BACK



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

AUTO SWITCHING



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.



HDBaseT™ 70 METER TRANSMITTER AND RECEIVER 4K@ 60Hz 4:4:4

HD-H704K HDBaseT™ 70 Meter Ultra Slim-Pack Transmitter & Receiver Set

The HD-H704K-SP is a slim HDBT transmitter receiver set with HDCP 2.2 compatibility. It supports resolutions up to 4K@60Hz 4:4:4 8bit, transporting Ultra HD/4K video with HDR, audio, bi-directional IR and power up to 40m/130ft and 1080P signal up to 70m/230ft over a single Cat X cable. Set comes with TX, Rx, Power Supply, IR Emitters & receivers and mounting ears.

- Over a Cat 6a/7 cable, HDBT transmits 4K@60Hz 4:4:4 8bit up to 40m/130ft and 1080P up to 70m/230ft.
- Over a Cat 5e/6 cable, HDBT transmits 4K@60Hz 4:4:4 8bit up to 35m/115ft and 1080P up to 60m/200ft.



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.

The Adopted Trademarks HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.



Specifications are subject to change without notice. HDBaseT™ and the HDBaseT Alliance logo are trademarks of the HDBaseT Alliance.



244 Bergen Boulevard · Woodland Park, NJ 07424
973.998.2300 · F: 973.785.3318

W: fsrinc.com · E: sales@fsrinc.com

© 2021 FSR, Inc. All Rights Reserved.

LIT1385P