



# 100 Meter Extenders

## HD-H-SP-Tx HDBaseT™ 100 Meter Ultra Slim-Pack Transmitters & Receivers



- 100 Meter units are Class A HDBaseT™ 5Play™ Units
- Transmits uncompressed full HD digital HDMI video, Audio, Control (Bi-Directional IR & RS-232), 100BaseT Ethernet, and Bi-directional PoH.
- Straight-through cables with RJ-45 connectors wired in TIA/EIA T568B scheme
- Input resolutions: 4k 2160p (3840x2160) / 1080P / 1080i / 720P / 576P / 480P / 576i / 480i
- Cable Distances & Resolutions:
  - CAT-5e / CAT-6:
    - 100 Meters: 1080p @60 Hz (36 bpp)
    - 70 Meters: 1080p @60 Hz (48 bpp) or 3D and 4k 2160p (3840x2160 @ 30 Hz)
  - CAT-6a / CAT-7:
    - 100 Meters: 1080p @60 Hz (48 bpp) or 3D and 4k 2160p (3840x2160 @ 30 Hz)
- For best resolution and ESD performance Shielded CAT-6A cable is recommended
- Set is powered via 12V 2A DC power supply which allows 2-way powering.
- All 100 meter units use Standard PoH (802.11af) compliant power scheme within the HDBaseT™.
- All 100 meter units use the same power supply which allows any of the 100 meter transmitters to be used with any of the 100 meter receivers.



Application example using an HD-H-SP-Tx shown. Refer to specific model information for full features.

## HD-HSC-SP-Rx – 100 Meter HDBaseT™ 1.0 5-Play Scaler Receiver

- Receives uncompressed 4k UHD Video (4K UHD / 2160p (3840 x 2160) @ 60Hz (4:2:0 8-bit))
- HDMI™ /HDCP 2.2 compliant
- Can be remotely controlled via API
- Built-in CEC Control
- De-embedded balanced audio output



### 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.



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## HD-HU-SP-TX and HD-HU-SP-RX – Transmitter & Receiver

- True HDBaseT™ 5-Play
- HDMI™ transmissions using single cable Cat5e cable under recommended conditions:

90m/295ft: 4096 x 2160 video@30Hz / 24bit True Color with Chroma subsampling color palette 4K@60Hz 4:2:0

- 100m/328ft: 1920x1080p HD video@60Hz / 36bit Deep Color Via Cat6/6a/7 cables:

100m/328ft: 4096 x 2160 video@30Hz / 24bit True Color with Chroma subsampling color palette 4K@60Hz 4:2:0

150m/492ft: 1920x1080p HD video@60Hz / 24bit Deep Color (Long Reach Mode)

- Bi-directional PoH (Power over HDBaseT™) allowing a single power supply to power both transmitter and receiver
- Fully compliant with HDMI 1.4, and compatible with HDMI 2.0 (4K 60Hz with 4:2:0 coding) HDCP 2.2 compliance
- One analog stereo audio pass through from Transmitter in to Receiver out over HDBaseT™
- Bi-directional USB pass through, USB Host/Device adjustable in both Transmitter and Receiver
- Built in 100MBase-T Ethernet Switch integral to both Transmitter and Receiver
- Audio & Video, Power, Ethernet, RS232 and IR pass-through over HDBaseT™
- Additional pluggable screw terminal connection power port



## 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, bi-directional USB port, and an HDBaseT™ 2.0 output.

## 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-HPCUWP-TX

HD-HWP-TX



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.



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



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