

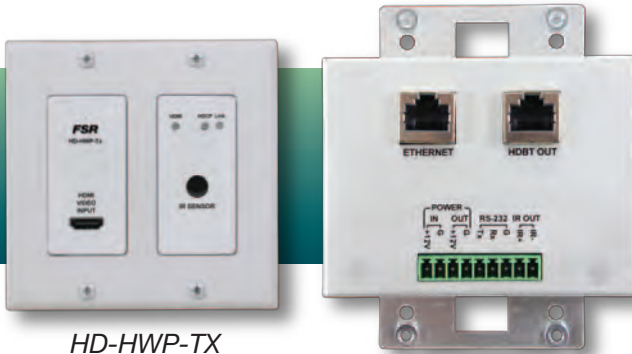
HD-HWP-Tx Wall Plate

Innovative HDBaseT 100m Transmitter Wall Plate

FSR

Video Products Group

HD-HWP-TX



HD-HWP-TX

HD-HWP-TX BACK

DESCRIPTION

The HD-HWP-TX transmitter is a true HDBaseT 5-Play device that transmits HD Video (4K UHD), Audio, Bi-directional control (IR & RS-232), Ethernet, and Power via 1 CAT-6A shielded cable up to 100 Meters. The HD-HWP-TX works with any of FSR's 100 Meter HDBaseT™ Receivers and can be powered by any 100m Receiver or powered locally. The unit is packaged in an ultra-shallow all metal 2 gang Decora wall plate design. This transmitter has an HDMI input supporting up to 4K UHD / 2160p (3840 x 2160) @ 60Hz. (4:2:0 8-bit) resolutions. Either of the inputs can be switched to the HDBaseT™ output for transmission of up to 100m to an FSR HDBaseT™ 100m Receiver.

The rear of the wall plate contains Ethernet & HDBaseT RJ-45 Ports as well as captive screw terminals for IR-Out, RS-232, and +12v In & Out. The Ethernet and +12v Out have been designed to be used with FSR's FLEX LT-200 3.5" Color Touch Panel with integrated control system which can communicate back to your rack along with video, audio, and power all over 1 CAT-6A Shielded Cable up to 100m.

FEATURES

- HDBaseT™ 5-Play: HD Video, Audio, Control (IR/RS-232), 100Base-T Ethernet, PoH (Power Over HDBaseT) Transmitter Wall Plates
- HDMI 1.4 Input Supports up to 4K UHD / 2160p (3840 x 2160) @ 60Hz. (4:2:0 8-bit) resolutions
- HDCP 2.2 Compliant
- 2 x 1 Auto-Switcher in a 2 Gang Decorator Style Wall Plate*
- HDBaseT™ Output up to 100m via CAT-6A shielded cable to a compatible FSR HDBaseT 100m Receivers
- Ethernet and +12v Out designed to be used with FSR's FLEX LT-200 3.5" Color Touch Panels

APPLICATIONS

- Boardrooms
- Classrooms
- House of Worship
- Courtrooms
- Hospitality Space/Ballrooms
- Auditoriums

FSR Inc.

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LIT1553B

WALL PLATE SPECIFICATIONS

Supported Formats

HDMI Resolutions (max.)	SMPTE: 720x480P (59.94Hz/60Hz), 720x576P(50Hz), 1280x720P (50Hz/59.94Hz/60Hz), 1920x1080P (50H./59.94Hz/60Hz), 3840x2160P (24Hz/25Hz/30Hz/50Hz/60Hz), 4096x2160P (24Hz/25Hz/30Hz/50Hz/60Hz) up to 4K UHD / 2160p (3840x2160) @ 60Hz (4:2:0 8-bit)
Output Resolutions (max.)	Supports up to 4K UHD/2160p (3840x2160) @ 60Hz (4:2:0 8-bit)

Connectors

Video Input	1 x HDMI Type A 19-pin, female 1 x HD-15, female*
HDBaseT Output	1 x RJ-45 (Shielded) HDBaseT
Ethernet	1 x RJ-45 (Shielded) 100Base-T Ethernet
RS-232	3 Pin Pluggable Screw Terminal
IR Output	2 Pin Pluggable Screw Terminal
Power Input	Power over HDBaseT (PoH) Embedded on HDBaseT Link or 12 VDC on 2 Pin Pluggable Screw Terminal
Power Output	12VDC on 2 Pin Pluggable Screw Terminal (250 mA)

Cable Distances & Resolutions:

CAT-5e/CAT-6:	
100 Meters:	1080p @60 Hz (36 BPP (bits per pixel))
70 Meters:	1080p @60 Hz (48 BPP (bits per pixel), 3D, 4K UHD/2160p (3840x2160) @ 60Hz (4:2:0 8-bit)
CAT-6A/CAT-7 (Shielded):	
100 Meters:	1080p @60 Hz (48 BPP (bits per pixel), 3D, 4K UHD/2160p (3840x2160) @ 60Hz (4:2:0 8-bit)

For best resolution and ESD performance Shielded CAT-6A cable is recommended

Operational

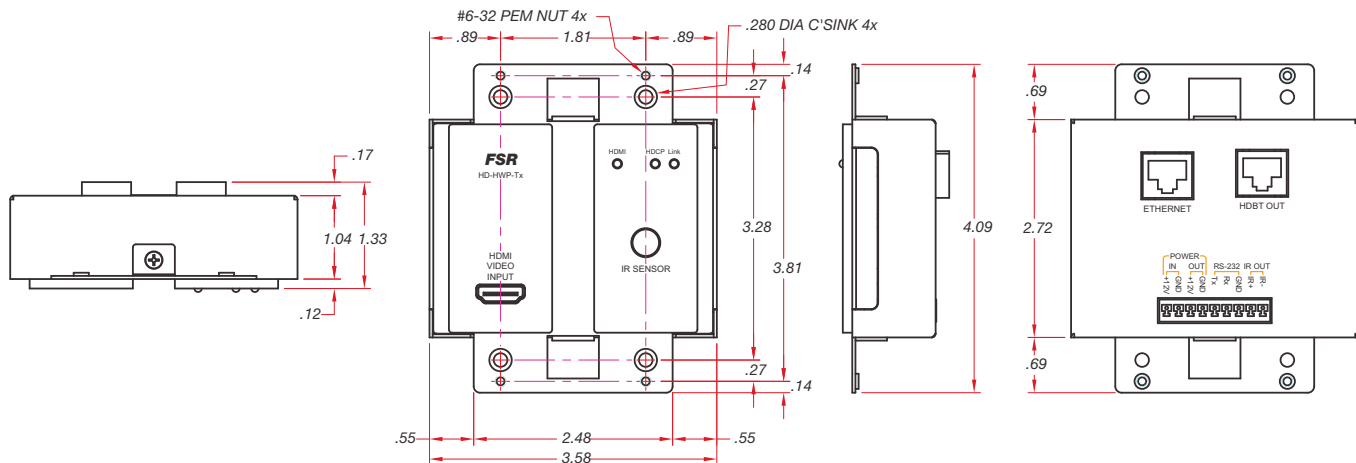
Power Input	DC 12V 2A
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Physical

Form Factor	2 Gang "Decora Style" Wall Plate
Dimensions (W x H x D)	3.58"W (90.9 mm) x 4.09"H (103.9 mm) x 1.45"D (37.8 mm)
Unit Weight	0.5 lbs (0.226796 kg)

Requires One of the FSR 100m HDBaseT Receivers

DIMENSIONS



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