HD-H704K-WP

70 Meter Wall Plate to Brick Extender Set

FSR

Video Products Group





DESCRIPTION

The HD-H704K-WP 18G HDMI® Extender consists of a single gang wall plate transmitter and a small thin brick receiver. This extender set can be used anywhere you need longer distance HDMI® sources to display thru twisted pair wiring. The HD-H704K-WP 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.

WHAT'S IN THE BOX

- *1x One gang decora wall plate*
- *1x HD-H704K-WP*
- *2x 2-pin Terminal Blocks*
- *1x RS232 Cable (3-pin to DB9)*
- *1x HD-H704K-WP-Rx*
- *2x Mounting Ears with 2 Screws*
- *4x Plastic Cushions*
- *1x 3-pin Terminal Block*
- *1x Power Adapter (DC 24V 1.25A)*
- *1x IR Emitter Cable*
- *1x User Manual*



FEATURES

- *Supports HDMI® 2.0, HDR, HDCP 2.2 compliant*
- *Transmission distance up to 4K/40m or 1080p/70m*
- *S/PDIF output for audio de embedded*
- *Supports video resolution down scaling to output 1080p for compatibility with 1080p display*
- *Bi-directional RS-232 control*
- *IR pass through, sensor on the front of the wall plate and a provided emitter cable*
- *Tx is powered by Rx via 24V PoC*

APPLICATIONS

- *Conference Rooms*
- *Multi-purpose Rooms*
- *Collaboration Areas*
- *Classrooms*
- *Home Theaters*
- *Digital Signage*

ORDERING INFORMATION

Item #	Part #	Description
18550	HD-H704K-WP	1-Gang 70M SET- Wall Plate and Brick

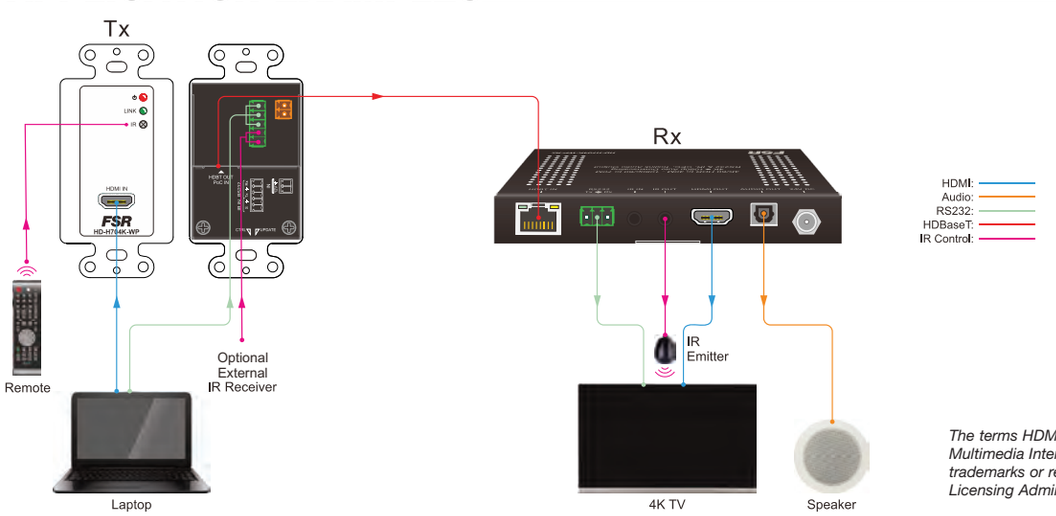
HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE · HDCP · HDBT™

FSR Inc.
244 Bergen Boulevard, Woodland Park, NJ 07424
Phone: 973.998.2300 · Fax: 973.785.4207
Web: www.fsrinc.com · E-mail: sales@fsrinc.com
Toll Free: 1-800-332-FSR1

SPECIFICATIONS

TPUH703T	
Input	(1) HDMI
Input Connector	(1) Type-A female HDMI
Output	(1) HDBT
Output Connector	(1) RJ45
Control	(1) RS232, (1) IR In (1) Built-in IR Receiver
Control Connector	(1) 3-pin terminal block, (1) 2-pin terminal block
TPUH703R	
Input	(1) HDBT
Input Connector	(1) RJ45
Output	(1) HDMI
Output Connector	(1) Type-A female HDMI
Control	(1) RS232, (1) IR In (1) IR Out
Control Connector	(1) 3-pin terminal block, (2) 3.5mm mini jacks
Audio Output	(1) AUDIO Out
Audio Output Connector	(1) SPDIF
Output level	±0.05dBFS
Frequency Response	20 Hz to 20 kHz, ±1dB
THD+N	< 0.05%, 20 Hz – 20 kHz bandwidth, 1 kHz sine at 0 dBFS level (or max level)
SNR	> 90dB, 20Hz-20 kHz bandwidth
Noise	-90dB
General	
Video Resolution	Up to 4K@60Hz 4:4:4, HDR
HDMI Audio Format	LPCM 7.1 audio, Dolby Atmos®, Dolby® TrueHD, Dolby Digital® Plus, DTS:X™, and DTS-HD® Master Audio™ pass-through.
Bandwidth	18Gbps
Color Space	Supports RGB, Rec. 601, and rec. 709 BT2020
HDMI Standard	2.0
HDCP Version	2.2, 1.4 compliant, follows the display.
CEC	Pass-through
EDID	Pass-through
Transmission Standard	HDBaseT
Transmission Distance	4K@60Hz 4:4:4 ≤ 40 meters (131 feet), 1080p@60Hz ≤ 70 meters (230 feet)
Operation Temperature	0~ +55℃
Storage Temperature	-25 ~ +70℃
Relative Humidity	10%-90%
Power Supply	Input:100V~240V AC; Output: 24V DC 1.25A
Power Consumption	TX&RX 11.5W (Max)
Dimension (W*H*D)	TX: 50mm (2”) x 103.44mm (4”) x 53.3mm (2”) RX: 130mm (5.1”) x 18mm (.7”) x 84.4mm (3.3”)
Net Weight	TX: 180g (6.3 oz) RX: 255g (9 oz)

APPLICATION EXAMPLES



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Phone: 973.998.2300 · Fax: 973.785.4207
Web: www.fsrinc.com · E-mail: sales@fsrinc.com

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Specifications are subject to change without notice.