

# HD-H704K-WP

## 70 Meter Wall Plate to Brick Extender Set



### 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



Specifications are subject to change without notice.

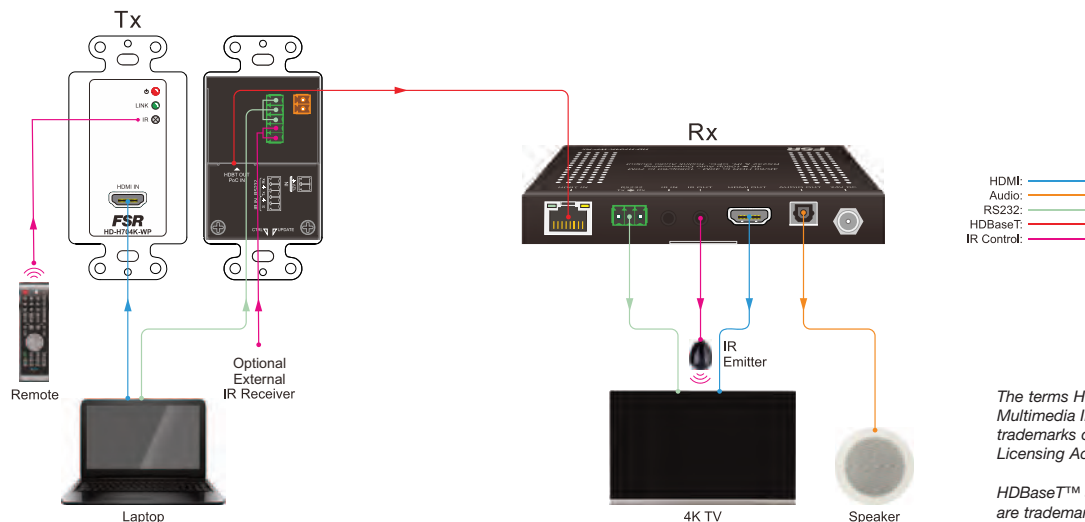
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# SPECIFICATIONS

<b>TPUH703T</b>	
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
<b>TPUH703R</b>	
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
<b>General</b>	
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°C
Storage Temperature	-25 ~ +70°C
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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