

# HD-H704K-WP

## 70 Meter Wall Plate to Brick Extender Set

# FSR

## Video Products Group

HD-H704K-WP



### 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.

## FSR Inc.

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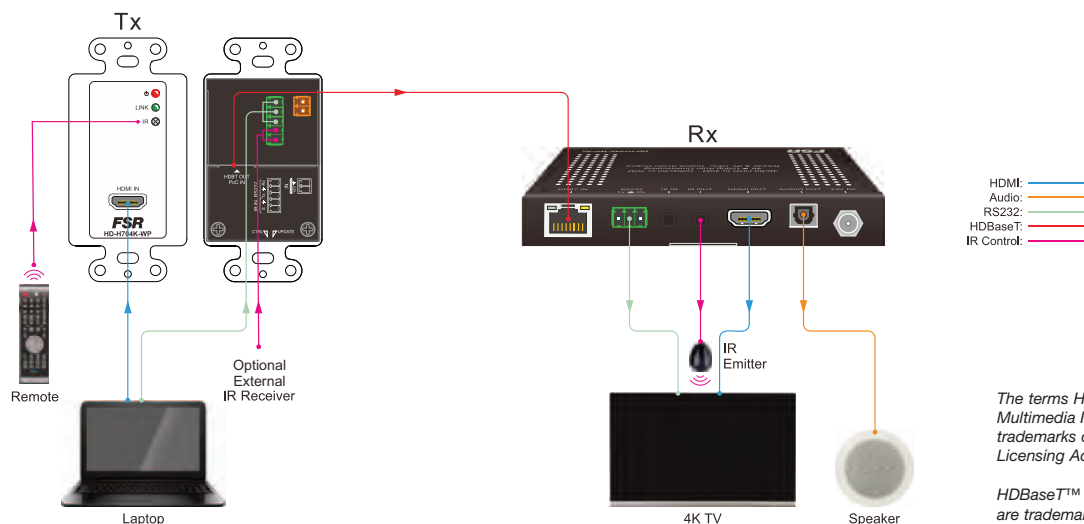
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LIT1851

## 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),<br>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")<br>RX: 130mm (5.1") x 18mm (.7") x 84.4mm (3.3")                      |
| Net Weight             | TX: 180g (6.3 oz)<br>RX: 255g (9 oz)  |

## APPLICATION EXAMPLES



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