



## HDB800-4K-150 HDMI 1x8 HDBaseT Splitter



IMOWARE HDB800-4K is a 1 x 8 HDBaseT Splitter can distribute one source signal to any eight display device. The HDMI signal transmission distance can be extended up to 120 meters at the resolution of 4K2K@60Hz, or 150 meters at 1080P@60Hz via 4-pair CAT6/6a/7 cable. The product supports two-way IR control signal pass-through, audio extract function and advanced EDID management.

### Features:

- HDMI 2.0b, HDCP 2.2 and HDCP 1.x compliant
- Support 18Gbps video bandwidth
- Support HDR, HDR10+, HLG and Dolby vision
- Support up to 7.1CH HD audio pass-through
- Support digital and analog audio de-embedded output
- Support 1 HDMI input, 1 HDMI loop output and 8 HDBaseT outputs.
- Support one-way POC function (only from transmitter to receiver)
- Compact design for easy and flexible installation

## Specification:

### Technical

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2/1.x
Bandwidth	594MHz/18Gbps
Resolution	Up to 4K2K@50/60Hz 4:4:4
Color Depth	8-bit, 10-bit, 12-bit (1080p@60Hz) 8-bit (4K2K@60Hz YUV4:4:4) 8-bit, 10bit, 12-bit (4K2K@60Hz YCbCr 4:2:2/4:2:0)
Color Space	RGB 4:4:4 YCbCr 4:4:4 / 4:2:2 / 4:2:0
HDR	Support HDR10, HDR10+, HLG, Dolby vision
ESD Protection	Human body model - $\pm 8$ kV (air-gap discharge) & $\pm 4$ kV(Contact discharge)

### Connection

Input	1 x HDMI Type A female
Output	1 x HDMI Type A female 8 x HDBaseT OUT [RJ45] 1 x Coaxial Audio OUT [RCA] 1 x L/R Audio OUT [5-pin phoenix connector]
Control	1 x RS232 (3-pin phoenix connector) 1 x EDID DIP switch [5-pin] 1 x IR IN [3.5mm stereo mini-jack] 1 x IR OUT [3.5mm stereo mini-jack]

### Mechanical

Housing	Metal Enclosure
Dimensions	Transmitter: 440mm(W) x 130mm(D) x 44mm(H) Receiver: 140mm(W) x 65mm(D) x 18mm(H)
Weight	Transmitter: 1.62kg Receiver: 246g
Power	Input: AC100-240V 50/60Hz Output: DC 24V/3.75A
Consumption	75W (power)
Temperature	0-50 degree C (operation)

# Application:

