



TRANSMITTER GEN-HDBT100T



RECEIVER GEN-HDBT100R

*Picture for illustration purpose only



GEN-HBBDT100TR is a HDBaseT technology extender, it supports no compression, no losses, no latency HDMI signal transmission. It can work with other HDBaseT equipment, such as Sony HDBaseT projector. All the signals are transmitted by one single CAT5E/ CAT6/ CAT6A/ CAT7 cable, for 1080P it can transmit to a distance of 150 M, for 4K60Hz, it can transmit up to 100 M. Compatible with all the HDTV resolutions, HDMI 2.0 protocol. It also supports bi-directional RS232 and IR transmission. Supports Power over Ethernet cable, users only need to power one side; Supports 3.5mm Audio embedded and de-embedded function, it can help users to have more choice whether the internal or external audio input and output to use; Supports EDID management.

Features:

- Transmit highest quality audio and video, for 1080p can up to 150 meter and 4K can up to 100 meter over single CAT5E/ CAT6/ CAT6A/ CAT7 cable.
- Highest resolutions supported up to 4K2K@60Hz (4:4:4)
- Equipped with EDID management capability.
- Bidirectional IR (3.5 mm connector)/Serial control signal transmission.
- Power over Ethernet Cable, locally powered over CAT5E/ CAT6/ CAT6A/ CAT7 cable at either end.
- Supports 7.1 DTS Master HD, Dolby True HD
- Audio embedded and de-embedded function
- screw on AC adapter

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Specifications:

Model	GEN-HDBT100T	GEN-HDBT100R
Input	1 x HDMI Female, 1 x 3.5MM Audio, 1 x RS232, 1 x IR-TX, 1 x IR-RX	1 x HDBaseT 2.0 RJ45 Female Connector
Output	1 x HDBaseT 2.0 RJ45 Female Connector	1 x HDMI Female, 1 x 3.5MM Audio, 1 x RS232, 1 x IR-TX, 1 x IR-RX
Protocol	Support HDMI 2.0 and compatible with HDCP 2.2, EDID Management	
Resolution	1920x1200, 1680x1050, 1360x768, 1280x800, 1920x1080, 1600x900, 1366x768, 1280x720, 1024x576, 1920x1200, 1680x1050, 1360x768, 1280x800, 4096x2160@30Hz, 3840x2160@30Hz, , 3840x2160@60Hz	
Color Space	1080p: 36Bit Deep Color 4K: 24Bit True Color, 4:4:4	
Bandwidth	18 Gbps	
Transmission Distance	1080p can up to 150 meter and 4K can up to 100 meter	
Working Temperature	0 – 50°C	
Storage Temperature	-10 – 70°C	
Humidity	0 – 90% RH, Non-condensing	

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