



Feature:

1. The FT-HDBT100-R transmitter is a transmitter integrating HDBaseT technology. This product is an uncompressed, lossless, and delay-free HDMI signal transmission device. It is suitable for various requirements of high-definition long-distance transmission and can be used with other HDBaseT products. The signal can be transmitted up to 100 meters through a single CAT5E/CAT6/CAT7 network cable. It is compatible with all HDTV resolutions, supports HDMI2.0 protocol, and supports a maximum resolution of 4K60Hz. The product has two-way RS232 communication function and two-way infrared transmission and reception function, which can realize long-distance remote control signal transmission, support remote POC power supply, support audio embedding and de-embedding function, and support EDID intelligent management. This product has a wide range of uses and can be applied to multimedia conference rooms, multimedia classrooms, cinemas and other occasions
2. Transmission distance (using Cat5e/6/7 cable)
3. HDMI HDBaseT, transmission distance 100 meters (1080p), 70 meters (4K60 4:4:4)
4. Support ultra-clear 4K Signal transmission, bandwidth up to 10.2Gbps, supports HDMI2.0
5. Supports audio embedding function (transmitter) and audio de-embedding function (receiver)
6. Supports EDID management function (transmitter)
7. Transmits bidirectional IR signals and bidirectional RS232 control signals
8. Bidirectional power transmission POC (Power over Cable), 12v power supply (transmitter to receiver or receiver to transmitter)
9. Visual LED indicator lights indicate power working status, device operation status, and network cable connection status
10. The network cable adopts the standard IEEE-568B line sequence
11. Supports transmitting loop-out and receiving dual HDMI port output

Specification:

Interface parameters	1XHDBaseT, 2XHDMI, 1X3.5MM audio, 1XRS232, 1XIR_TX, 1XIR_RX
Protocol standard	Support HDMI2.0 and HDCP protocols, support EDID intelligent management
Resolution	480i, 576i, 480p, 576p, 720p, 1080i, 1920x1080p60Hz, 3840x2160/30Hz, 3840x2160/60
Support color space	1080p: 36Bit Deep Color 4K: 24Bit True Color, 4:2:2
Data rate	10Gbps
Transmission distance	CAT6 cable: 1080p60Hz transmission distance 100 meters 4K30Hz, 4K60HZ transmission distance 70 meters
Dimensions	152×100×27 (mm)
Weight	200g (excluding packaging and power supply)
Power supply	AC: 100-240V 50/60Hz 1.5A Max DC: 12V 1500mA
Power consumption	≤11W
Working humidity	10%-90%
Working temperature	0°C-50°C