TSV14R

TSV14R EX34 100M HDBaseT Extender Over Single Cat5e/6 cable

Introduction:

1. One pair as a full functional module, no need for setting.
2. Use single UTP/STP LAN cable (CAT-5E/6) to substitute HDMI cable to achieve long distance transmission.
3. UTP/STP cable termination follows the standard of IEEE-568B.
4. Transmission distance reaches up to 100 meters under the video format of 1080P and 4K up to 70 meters.
5. POC (RX powered by TX)
6. HDCP2.2/1.4 compliant.
7. Full HD support: 1080p@60Hz@48b/pixels, 3D and 4Kx2K
8. With LED indicators to show the power status.
9. With ESD protection inside.
10. Mounting ears supplied.
11. Transfer Bidirectional Infrared control signal together with the HDMI signal.
12. Phoenix RS232 Port for firmware update or RS232 control signal transmission.

Specifications

Operating Temperature Range	-5 to +35°C (-41 to +95 °F)
Operating Humidity Range	5 to 90 % RH (no condensation)
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Video Format Supported	DTV/HDTV; 4K/1080P/1080i/720P/576P/480P/576i/480i
Output Video	HDMI 2.0+HDCP1.4/2.2
Output Audio	Support DTS-HD, Dolby-HD
Maximum Transmission Distance	100 meters for 1080P, 70 meters for 4K
Power Supply	12V2A
Poc	Power from TX to RX over Cat5/6 cable
Power Consumption	2.5Watts (TX) 5Watts (RX)
Dimensions	106.1mm H×97.2mm W×26.1mm D
Mass (Main unit)	0.7Kg / 1.54lb (Pairs)

NOTE: Specifications are subject to change without notice. Mass and dimensions are approximate.

Typical Application