HDBaseT 70m Extender Set
CM-BT10-TXRX70

4K Support Now!

The extender pair uses HDBaseT technology to transmit HDMI signals from a single source (i.e., a cable or satellite set top box, Blu-ray player, game console) over conventional CAT5e/6 over distances up to 70 meters (230 ft). Each PoC-capable set is HDCP 2.2 compliant, supports 4K x 2K, 1080p, and 3D and provides bi-directional IR and RS-232 control to the room.

- HDBaseT technology for uncompressed signal transmission
- Supports 4K x 2K, 3D, 1080p
- Transfers bidirectional IR and RS-232 control signals
- Up to 70 m (230 ft) transmission over CAT 5e/6 cable
- PoC technology (from Tx to Rx or Rx to Tx)
- HDCP compliant with EDID & CEC pass through

Technical Specifications

Video

TX Input	1 HDMI 1.4a
TX Output	1 RJ45, HDBaseT
RX Input	1 RJ45, HDBaseT
RX Output	1 HDMI 1.4a
Bandwidth	10.2 Gbps
Transmission	70 m (230 ft) over CAT 5e/6 preferred
Max. resolution	Up to 4096 x 2160 at 30Hz
4K x 2K	Yes, up to 40 m over CAT 5e/6 preferred
4K x 2K Supported formats	12 bit color depth, 4:2:2 color sampling at 30 Hz 8 bit color depth, 4:4:4 color sampling at 30 Hz
3D	Yes
HDCP 2.2	Yes

Audio

Standards	HDMI 1.3c audio formats including Dolby TrueHD and DTS-HD

Set-up and control

EDID	Yes
PoC	Yes, Bi-directional
Ethernet	No
Bi-directional control	Yes, IR and RS-232

General

Power source	100 - 240 VAC, 50/60 Hz Power supply
Operating voltage	5 VDC power supply
Max. power consumption	6.5 W
Operating temperature	-4 to 140° F (-10 to 60° C)
Operating humidity	10 to 90% non-condensing
TX Dimensions	3.03W x 1.18H x 5.28D in (77 x 30 x 134 mm)
RX Dimensions	3.03W x 1.18H x 5.28D in (77 x 30 x 134 mm)
TX Weight (approx.)	1.1 lb (.5 kg)
RX Weight (approx.)	1.1 lb (.5 kg)

Optional Accessories

CM-IRRX-10	Cable kit, IR emitter and receiver

By making home technology simple, Clare provides exclusive benefits to integrators, builders, and homeowners. We offer innovative home automation solutions, Class D amplifiers, media distribution, controllable lighting, and IP CCTV components. For more information, visit clarecontrols.com.