

HDBaseT™ 100 Meter - HDMI® Extender w/ Power over Ethernet

Extend HDMI with 4K, Digital Audio & Power over Single CAT5e/6

MPN: HDBASE100POEL

The KanexPro HDBASE100POEL is a transmitter - receiver set that enables you to routes ultra high - definition signals up to 330 feet (100 meters) over single CAT6 cable using HDBaseT Technology. This extender also features PoE - Power over Ethernet from either side of the extender (Tx to Rx - Rx to Tx) saving electricians cost and one power outlet. The Extender has an HDMI loop for local monitor out while extending 330' to the receiver side.

This extender set is fully compliant with the latest HDCP specifications and supports EDID management for proper resolution output up to ultra HD 4K, 1080p/60 & 3D. The transmitter and receiver sets are built in to metal enclosure with sturdy finish, locking HDMI connectors and power supplies which protects the unit from disengagement or signal loss.

Ideally used for Digital Signage, Corporate AV, classroom technology and government applications where you can route ultra HD signals up to 330 feet (100meters) over a single STP CAT6a cable and provide power over Ethernet to the receiver side of the extender.

Please note:

Do not use couplers between the RJ-45/ CAT6 cables, this will cause degradation. To reduce video dropout problems from lightings, ceiling fans and other EMI issues, it is strongly recommended that you terminate shielded STP CAT6 or CAT5e cables and use shielded RJ45 connectors with our extender products.

ABOUT KANEXPRO

KanexPro carries a broad selection of A/V connectivity products by leveraging the core strength in professional systems enabling you to broadcast, convert, extend, split, or multiply HD signal transmissions; simply and cost-effectively. KanexPro is a trademark. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and/or other countries. All other product or service names are the property of their respective owners.



FEATURES

- Extend HDMI/ DVI signals over single CAT5e/6 cable up to 330'
- Powered over Ethernet
- HDMI out for local monitor support
- Supports resolutions from 1080p/60@48bit to 4K
- Supports all 3D formats
- Super high bandwidth up to 10.2 Gbps
- HDCP compliant with EDID pass-through
- Supports 24bit/36 bit deep color
- Bi-directional RS -232 protocol transmitted over cat6
- Bi-directional IR control transmitter over cat6
- Built-in LED indicators for signal/ work status
- Table/ Wall mountable aluminum enclosure
- External power supply (100V-240V AC, 50/60Hz)

SPECIFICATIONS

	HDBASE 100POEL Tx	HDBASE100POEL Rx
Input Signal	1 HDMI, 1 IR in, 1 RS232	1 IR in, 1 HDBaseT, 1 RS232
Input Connector	1 HDMI female 1 3.5mm mini jack for IR in 1 3P captive connector	1 3.5mm mini jack for IR in 1 RJ-45 1 3P captive connector
Video Signal	HDMI 1.4a	HDMI 1.4a
Audio	Digital audio, transmit through HDMI audio	Digital audio, transmit through HDMI audio
Output	1 HDBaseT, 1 IR out, 1 RS232	1 HDMI, 1 IR out, 1 RS232
Output Connector	1 RJ-45 1 3.5mm mini jack for IR out 1 3P captive connector	1 HDMI female 1 3.5mm mini jack for IR out 1 3P captive connector
Video signal	HDMI 1.4a	HDMI 1.4a
Transmission Mode	HDBaseT™	HDBaseT™

