100 Meter HDMI® Extender
w/ HDBaseT® & 2 Port - Ethernet Switch

MPN: HDBASE100ME

The KanexPro HDBASE100ME is a transmitter- receiver set that enables you to routes Ultra high – definition signals up to 330 feet (100 meters). This extender also features two Ethernet ports on both the units, which can be used to connect standard network devices such as 100Base-T routers, switches and hubs for LAN access.

Ideally used with Apple TV's, Blu-ray players, game consoles, satellite boxes and HDMI based computers that require extension up to 330 feet connected to an HDTV or projector. Fully compliant with HDCP, EDID and DDC channels, this extender supports resolutions up to ultra HD 4K, 1080p & 3D.The transmitter and receiver sets are built in to metal enclosure with sturdy finish that protects the inner components and IC's at optimum temperatures up to 70 C.

FEATURES

- Extend signals up to 330 ft. (100m) on single CAT6 cable
- Integrates 2-Ethernet ports for network devices
- Supports resolutions from 1080p/60@48bit to 4Kx2K
- Supports data rates up to 10.2 Gbps
- HDCP, CEC and EDID compliant
- Infrared Signal Input/Output, embedded over extension
- Audio support: Dolby TrueHD & DTS Master Audio, 7.1 compliant

- Uncompressed audio support such as LPCM
- RS-232 Control
- Front panel-LEDs for link activity and HDCP authentication
- Locking HDMI connectors to avoid dis-engagement and signal loss
- Locking power connector
- Aluminum case with separate mounting ears – flexible for installation
- KanexPro 3-Year Warranty

SPECIFICATIONS

Input
- 1 HDMI(HDMI female)
- 1 RS232(9 pin female D connector),
- 2 ETHERNET (RJ45)
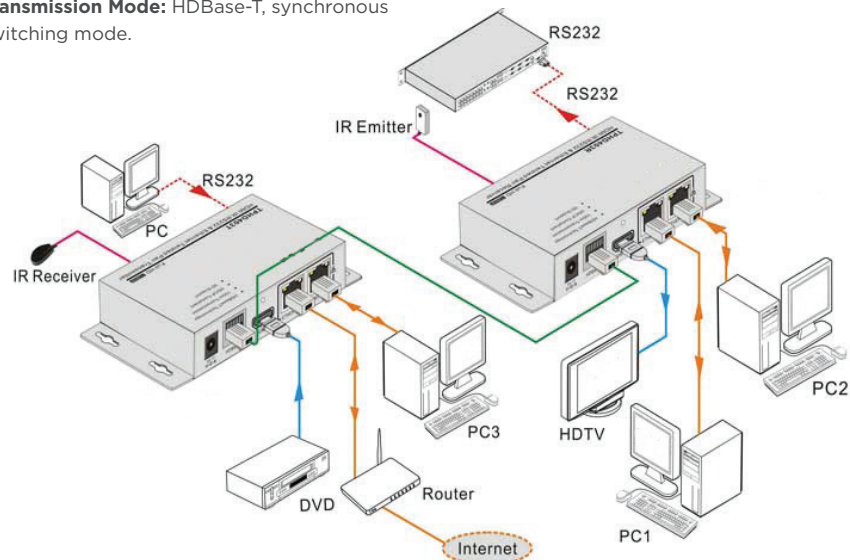- 1 IR in&out (3.5mm mini jack)

Output: 1 HDBase-T(RJ-45)

Input: 1 HDBase-T(RJ-45)

Output
- 1 HDMI(HDMI female)
- 1 RS232(9 pin female D connector)
- 2 ETHERNET (RJ45)
- 1 IR in&out (3.5mm mini jack)

Transmission Mode: HDBase-T, synchronous switching mode.

Resolution: 1080p@60Hz@48 b/pixels/3D/4Kx2K
Gain: 0dB ~ 10dB@100MHz
Transmission Distance: Max distance 330 ft (100m)
Differential Phase Error: 310° @ 135MHz_100M
Bandwidth: 10.2Gbps
Return Lost: -30dB@5KHz
HDMI Standard: Support HDMI1.4 and HDCP
Min. / Max. Level: 0.3V ~ 1.45Vp-p; 75ff
Power Supply: 5V DC; 6.5W
Temperature: -20 ~ +60
Humidity: 10% ~ 90%
Chassis Dimension: W77 x H30 x D134mm