

# PTEC

Connecting Future

## HDMI Extender by 1xCat5e-6 (100M) with 3port Ethernet HUB



HDE02-007

The Extender is based on the HDBaseT technology. It extends your HD display with the resolutions of 1080p/60Hz up to 330 feet (100 meters) away from your HDMI or DVI-D source using one CAT5e/6 cable. It also extends Ethernet and provides an IR back channel to control AV sources using the same CAT5e/6 cable. The three Ethernet ports on both the Sender and Receiver are connected to standard network devices such as 100Base-T routers and hubs. Built-in IR extender function allows IR remote control of Source devices from remote viewing location by sending IR commands received in the vicinity of the display back to the source devices.

### FEATURES

Support HDCP and uncompressed HDMI signal.

Enables HDMI10.2 Gbps and 100Mbps Ethernet in parallel over a single 100m Cat5e/6 cable.

Supports 340MHz/3.4Gbps per channel (10.2Gbps all channel) bandwidth.

Support 1080p@60Hz@48bit pixels

Support 3D pass-through and CEC pass-through.

Supports uncompressed audio such as LPCM.

Supports compressed audio such as DTS Digital, Dolby Digital ( including DTS-HD and Dolby True HD ) .

There are 3 standard Ethernet ports with switching capabilities on each unit. There is no difference between the 3 and any type of connection topology is permitted.

Built-in IR extender function allows IR remote control of Source devices from remote viewing location by sending IR commands received in the vicinity of the Display back to the Source devices.

CAT5e/6 cable follows the standard of IEEE-568B.