



## HDMI over IP PoE Seamless Transceiver, 4K30

500860



### Overview

The HDMI over IP PoE Seamless Transceiver, 4K/30 (model: 500860) allows HDMI source equipment to be extended locally up to 330ft (100m) at up to 4K @ 30Hz resolution via Cat5e/6 cable and is compatible with the MuxLab 500861 Transceivers to support point-to-point, point-to-multipoint and multipoint-to-multipoint configurations, Video Wall and Multiview capabilities in a low bandwidth expandable and cost effective manner, without the need to install dedicated cabling systems. The exceptionally low bandwidth requirements of this device combination allows for streaming audio/video content over a local network, over WiFi, and over the Internet for distributed installations spread throughout the globe. The Transceiver accepts a 4K video @ 30Hz and streams the content to an H.264/H.265 Receiver to be displayed on a 4K monitor. The device supports PoE (PD) and may be powered by a PoE (PSE) Ethernet Switch.

### Applications

- Audio/Video Streaming over LAN, Wifi and Internet
- Commercial and residential AV systems
- Classroom projector systems
- Digital signage
- Boardroom systems
- Medical information systems

### Key Features

- Supports up to 4K @ 30Hz video streams
- H.264/265 video codec, excellent for LAN and Internet transmission
- High image quality and ~80ms latency
- Supports seamless switching
- This unit is a Transceiver and can be used as a Transmitter, as a Receiver, or as both simultaneously
- Supports Video Wall
- Supports Multiview with up to 16-windows per screen
- Supports image rotation, scrolling text, banner, etc.
- RS232, RS485, USB, Relay and I/O for remote control of end devices
- PoE powered, via PoE (PSE) Ethernet Switch
- Managed via Muximus Network Controller (500813)



# Application Example

