



HDMI over IP PoE Workstation Transceiver, 4K30

500862



Overview

The HDMI over IP PoE Workstation Transceiver, 4K30 (model 500862) allows HDMI & USB equipment to be connected up to 330ft (100m) over an Ethernet LAN, supports HDMI up to 4K @ 30Hz via Cat5e/6 cable in multiple point-to-point and point-to-multipoint configurations, it also allows offers enhanced features such as username/password authentication, share content between workstations, creation of video walls in workstations, mouse-roaming between monitors on workstation video wall, displays previews in the OSD menu, creation computers/servers groups, amount others. The HDMI over IP PoE Workstation Transceiver, 4K30 allows users to access, share, and switch full control of connected computers/servers from any workstation over the network.. A single Transceiver allows one operator to manage numerous computers/servers, in a distributed KVM application.

Applications

- KVM /AV Systems
- Classroom training systems
- Digital signage
- Boardroom systems
- Collaborative PC systems
- Medical information systems

Key Features

- Extends local audio/video transmission up to 330ft (100m) over Cat5e/6 or 2Km over Fiber
- H.264/265 video codec
- High image quality and ~80ms latency
- Supports KVM workstation with mouse & keyboard control
- Supports seamless switching
- Supports access to up to 9 computers/servers simultaneously on each workstation screen
- Supports real-time preview of all sources in OSD
- Supports push content from any workstation to any workstation or video wall
- Supports Workstation Video Wall
- Supports the creation of groups of computers or servers

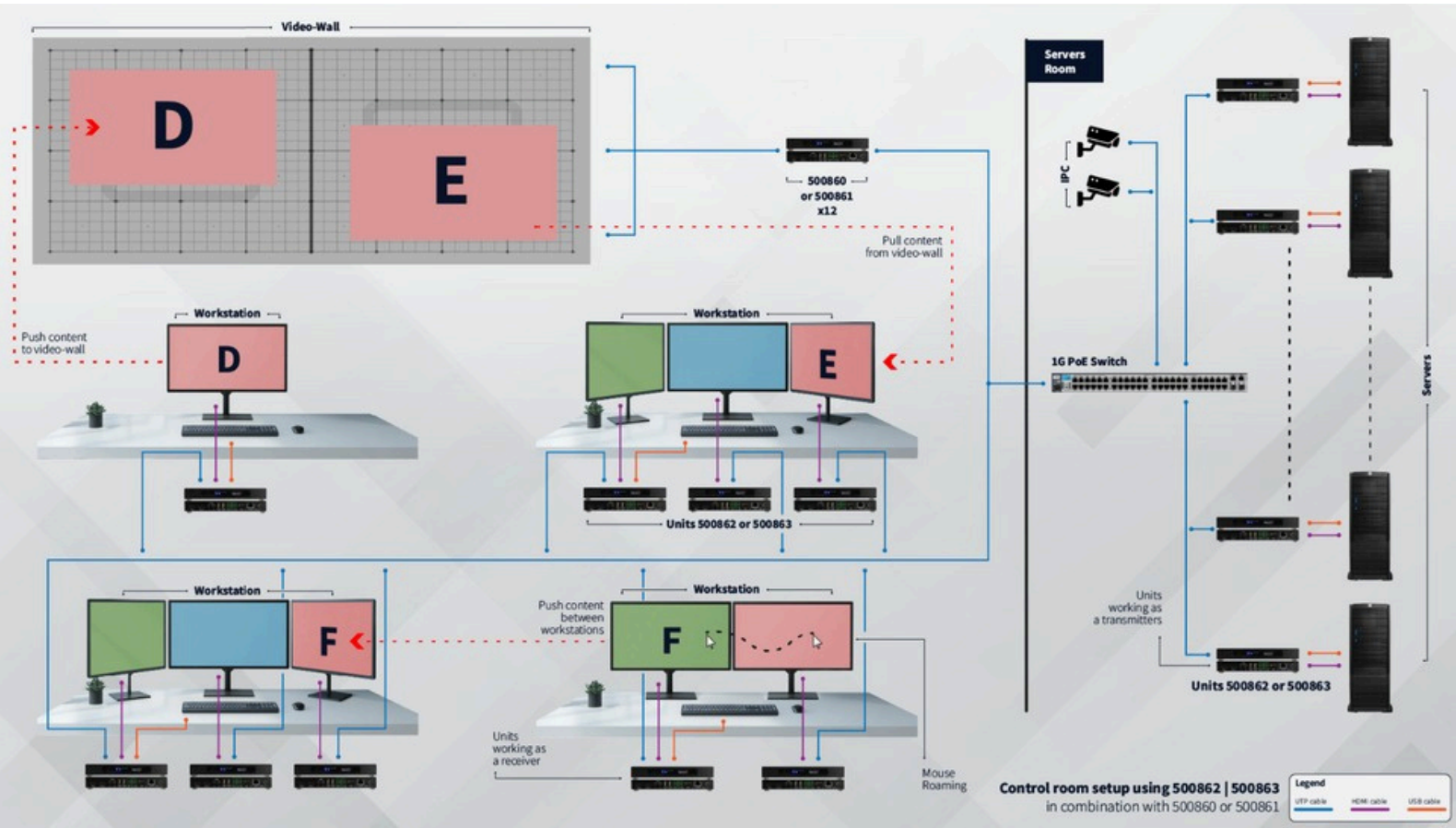


Control and Management via the intuitive **MuxLab KVM & AV Management Tool & OSD Menu.**

Specification

| Technical | |
|--|--|
| Environment | HDMI 1.4 |
| Devices | Blu-Ray, Set Top Boxes, projectors, monitors, TVs, PCs, supporting HDMI. |
| Signal Protocol/Standard | HDMI 1.4 and HDCP 1.4 |
| Video Resolution | Up to 4K/30 in and out |
| Audio | 3.5mm Line in/out, or HDMI audio |
| Latency | 80 ~ 120ms |
| Network Bandwidth | Up to 12Mbps |
| Protocols | Supports Multicast, RTSP, RTMP |
| Compression | Supports H.264/265 |
| Front Panel | |
| Indicators | Power: Power indicator Sys: System indicator Link: LAN cable connection indicator HD: HDMI signal status |
| OLED Screen | Showing the Model, ID, IP, status |
| Rear Panel | |
| Video | 2 x HDMI Type-A |
| Control Ports | 1 x RS485 phoenix connector 1 x Relay phoenix connector 1 x I/O phoenix connector (Programmable as IR input/output or voltage sensor) |
| Audio | 1 x 3.5mm IN 1 x 3.5mm OUT |
| LAN | 1 x RJ45 (PoE) 1 x SFP Cage |
| USB | 2 x USB-B ports for Keyboard & Mouse or PC host |
| Power | 12VDC 1A |
| General | |
| Control | Windows PC software (MuxLab KVM & AV Management Tool), Android/iOS APP |
| Power Source | This device supports PoE (PD), an external power supply is not included. It is intended to be powered via a PoE (PSE) Ethernet Switch. If required, an optional power supply (500988) may be purchased separately. |
| Power Consumption | <10W |
| Temperature | Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 90% non-condensing |
| Dimensions | LxWxH (191mm x 100mm x 25mm) |
| Weight | 1.2lbs (0.54kg) |
| Compliance | Regulatory: FCC, CE, RoHS Flammability: 94V0 |
| Warranty | 2 years |
| Order Information | 500862 HDMI over IP PoE Workstation Transceiver, 4K30 (UPC: 627699008621) |
| Accessories (These items are sold separately) | 500988 Univ. PSU 12VDC/2.0A Lock US/UK/EU 500925 14 Port Rackmount Transceiver Chassis 5.5U |

Application Example



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