



HDMI over IP PoE Workstation Transceiver, 4K60

500863



Overview

The HDMI over IP PoE Workstation Transceiver, 4K60 (model 500863) allows HDMI & USB equipment to be connected up to 330ft (100m) over an Ethernet LAN, supports HDMI up to 4K @ 60Hz 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, 4K60 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 2.0
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/60 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

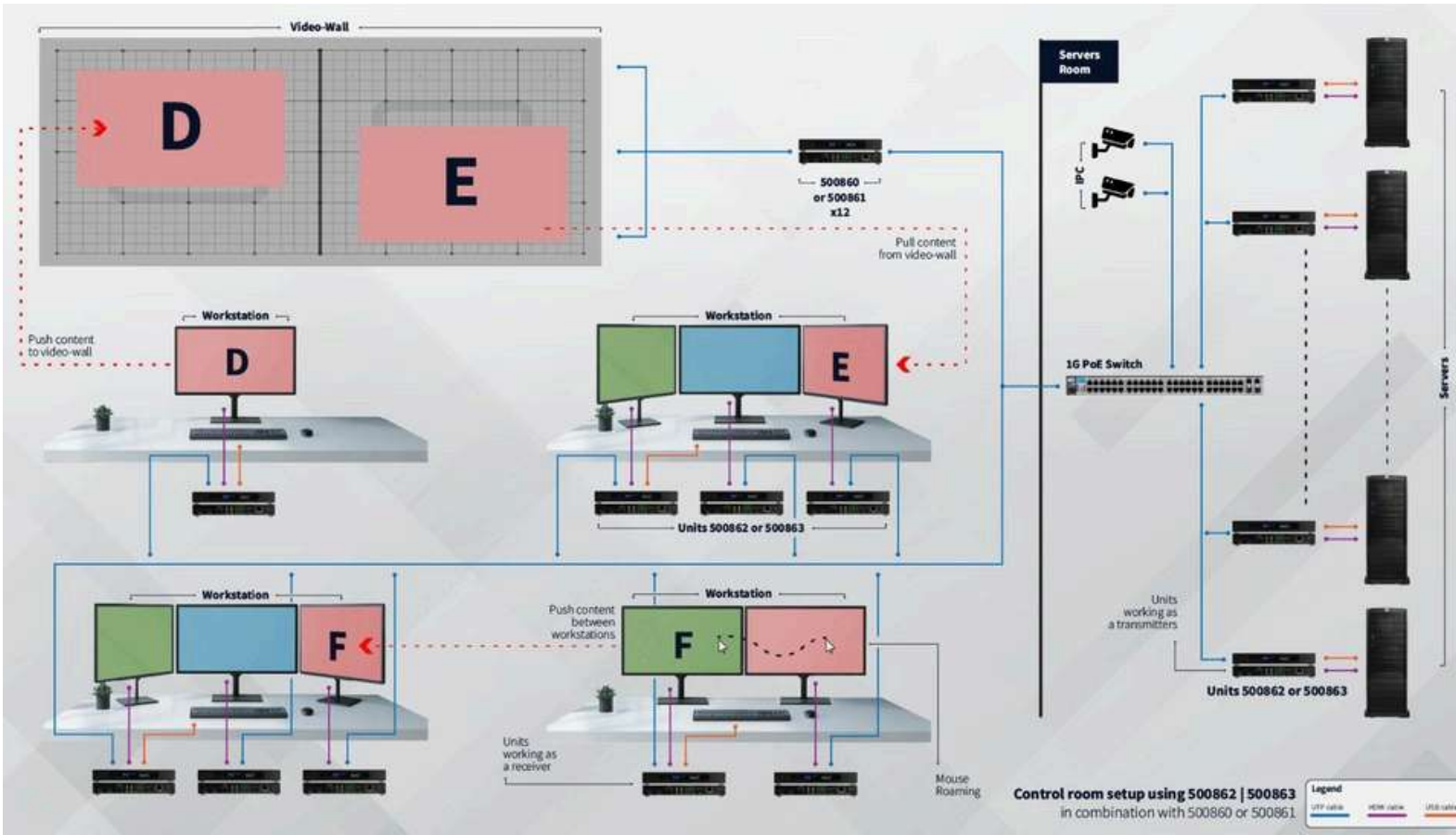
Rear Panel

Video	2 x HDMI Type-A
Control Ports	1 x RS232 phoenix connector 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	5 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	1.27lbs (0.54kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500863 HDMI over IP PoE Workstation Transceiver, 4K60 (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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