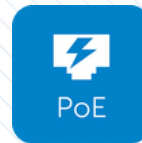
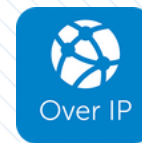




KVM HDMI over IP PoE Transmitter Wall-Plate, 4K/60

500800-TX-WP-WH



Overview

The KVM HDMI over IP PoE Transmitter Wall-Plate, 4K/60 (model: 500800-TX-WP-WH) allows HDMI & USB equipment to be connected up to 330ft (100m) over an Ethernet LAN, supports HDMI up to 4K /60Hz (4:4:4) via Cat5e/6 cable and is compatible with the MuxLab 500800-RX Receiver to support point-to-point, point-to-multipoint and multipoint-to-multipoint configurations, it also allows creating a Video Wall of user configurable size (X by Y) supporting 100's of screens, depending on network bandwidth, utilizing one Receiver for each display in the array.

The Transmitter terminates to a computer server/workstation via an HDMI & USB port, The Receiver terminates to an HDMI display and up to 4 USB devices such as a keyboard, mouse, printer, drawing pad, storage device, camera, etc., via a 4 port USB hub. A single Receiver can be switched via hotkey sequences to any Transmitter on the network, allowing a single operator to manage numerous servers/workstations, in a distributed KVM application.

Applications

- Audio/Video Streaming over LAN
- Commercial and residential AV systems
- Classroom projector systems
- Multi-server systems
- IT departments
- Educational institutions
- Data Centers
- Media Servers

Key Features

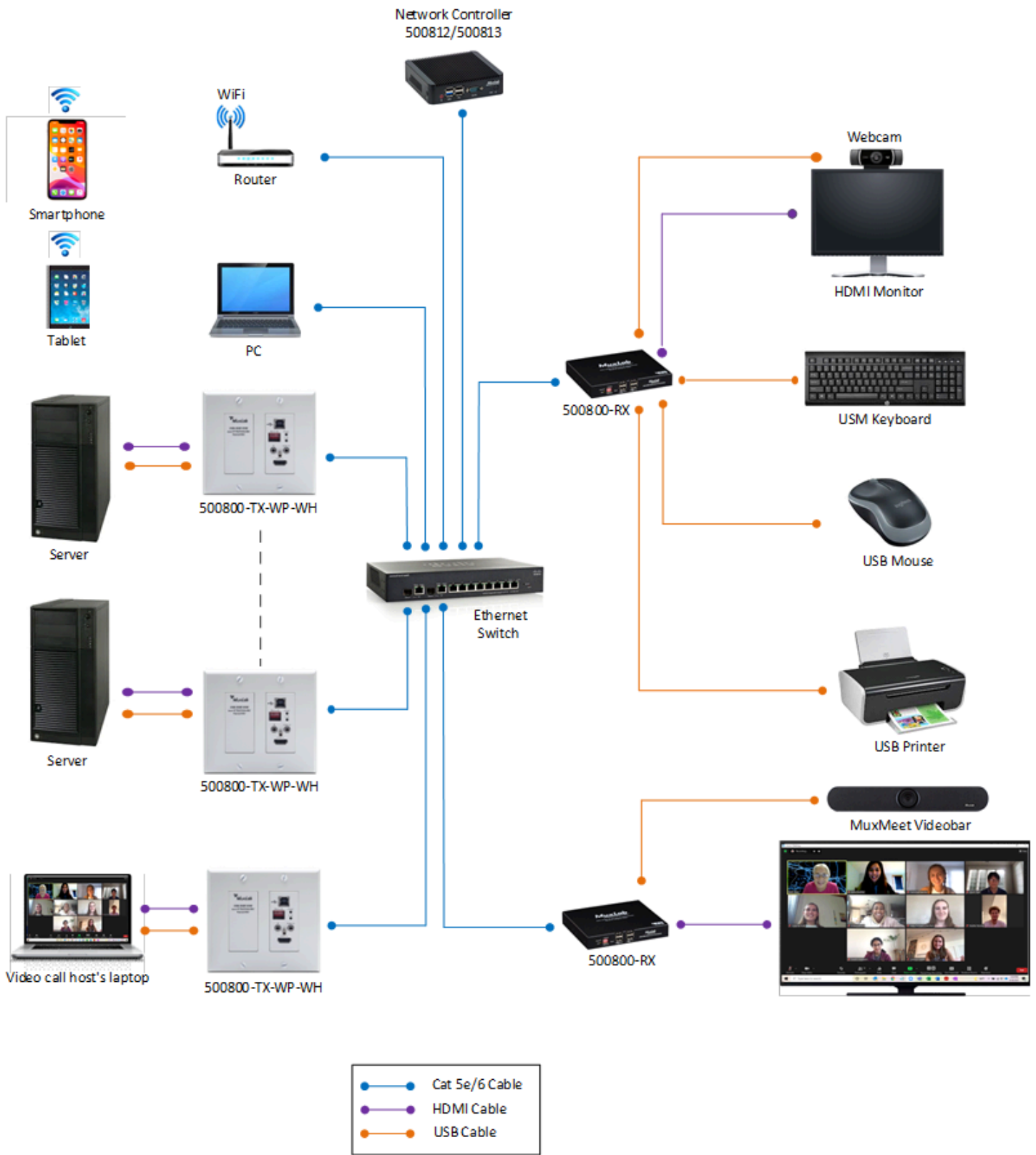
- One operator can manage multiple servers/workstations
- Supports HDMI up to 4K/60Hz (4:4:4)
- Supports USB 2.0
- Up to 330ft (100m) over Cat5e/6 cable
- Supports multiple point-to-point, and point-to-multipoint Applications
- Directional IR for remote control of end devices
- Supports audio insert
- Supports PoE powered, via PoE (PSE) Ethernet Switch
- Managed via Pro Digital Network Controller (500812), and Muximus Network Controller (500813)

Specification

Technical

Environment	HDMI 2.0
Devices	Computers and servers with HDMI monitor ports.
Transmission	Transparent to the user
Bandwidth (HDMI)	597MHz
Signals	HDMI 2.0 protocol, HDCP 1.4, HDCP 2.2
HDR Color	HDR10 & Dolby Vision
Connectors	One (1) HDMI IN connector for AV input. One (1) RJ45S for Cat 5e/6 unshielded or shielded twisted pair. One (1) 3.5mm jacks for audio-in One (1) 3.5mm jack for directional Infrared port. One (1) USB Type B Connector for Host device One (1) 2.1mm power connector
Maximum Distance Based on a maximum length of 6.6ft (2m) of HDMI cable per end.	Cat5e/6: 330ft (100m) from Ethernet Switch. Unlimited over the Internet Note: When installed in an electrically noisy environment, an STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used.
Latency	Typical one (1) Frame (16ms), maximum 2 frames (33ms)
Compression	JPEG 2000
Bandwidth	Up to 850 Mbps
Network Requirement	1000BaseT
RJ45 Pin Configuration Reverse Polarity Sensitive. Use EIA/TIA 568A or 586B straight-through wiring.	RJ45 Link Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 7 (R) Pin 8 (T)
Cable	One (1) Cat 5e/6 or better twisted pair cables required
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 may be purchased separately.
PoE Standard	IEEE 802.3af
Power Consumption	6 Watt
Temperature	Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
Dimensions (W, D, H)	(110mm x 55mm x 105mm)
Weight	0.63lbs (1.38kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500800-TX-WP-WH KVM HDMI over IP PoE Transmitter Wall-Plate, 4K/60 (UPC: 627699928004)

Application Example



KVM HDMI over IP PoE Transmitter Wall-Plate, 4K/60
500800-TX-WP-WH

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