

Overview:

The MuxLab HDMI 4x8 & 8x8 Matrix Switches, HDBT, PoE allows 4 or 8 HDMI sources to be switched/distributed to up to 8 remote displays via HDMI or unshielded twisted pair (UTP) cables for cost-efficient connectivity. Remote displays can be connected up to 230 feet (70 meters) @ 1080p Deep Color via Cat 5e/6 UTP/STP cables. The Matrix Switch works in conjunction with MuxLab's HDMI Receiver (500451-RX, 500451-POE-RX, 500454-RX or 500454-POE-RX).

Applications:

Commercial and residential AV systems, classroom projector systems, digital signage, boardroom systems, multi-room systems, classroom training, retail systems, collaborative PC systems, and medical information systems.

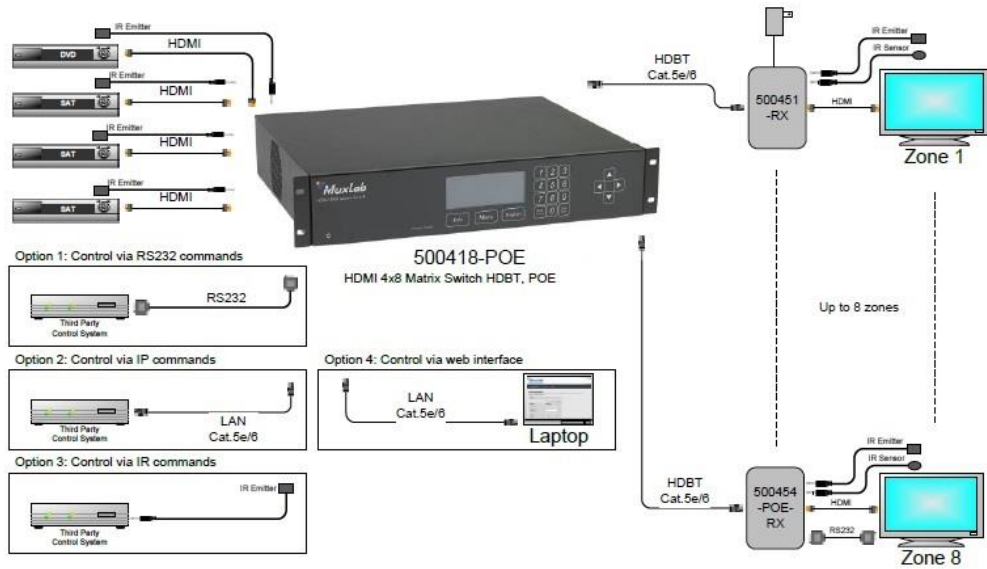
Features:

- Single modular RJ45 jacks
- UTP/STP extension for 1080p Deep Color up to 230 feet (70 meters) via Cat 5e/6 UTP/STP cables
- HDMI 3D support
- Seamless integration with MuxLab's HDMI Receiver (500451-RX, 500451-POE-RX, 500454-RX or 500454-POE-RX). Note: 500451-RX does not support RS-232, 500451-RX and 500454-RX do not support PoE.
- HDMI input supported with resolution up to 1080p
- HDBaseT supported output
- Configurable EDID settings
- Web interface
- RS232 and USB CDC control
- Firmware is field upgradable
- Touch pad on front panel for manual control
- Device control over HTTP protocol
- 2U rackmount unit

Environment	HDMI 1.4A 3D Support
Devices	LCD and Plasma TVs, DVD and Blu-Ray players, monitors, projectors, PCs, laptops, home theatre systems, home theater PCs, game consoles.
Transmission	Transparent to the user
Input	Four (4) or Eight (8) HDMI and eight (8) IR Sensor (3.5 mm stereo)
Output	Eight (8) HDBaseT (RJ45) and four (4) or eight (8) IR Emitter (3.5 mm mono)
Connectivity	Ethernet LAN (RJ45), USB (Type B) and RS232 (DB9)
Maximum Distance	UTP/STP Cat 5e/6 output port: 230 feet (70 meters)
Cables	Cat 5e/6 UTP/STP cables (or better) required for HDBaseT port
Power	100-240 VAC 50/60Hz, 0.72 A
Matrix Switching Time	3 seconds (maximum)
LED Diagnostics	Power (Blue) LAN (Link (Green) and Activity (Yellow))
Temperature	Operating: 0°C to 40°C Storage: -20°C to 85°C Humidity: Up to 95% non-condensing
Dimensions	2U Rack Mountable: 19 x 13.6 x 3.5 in (483 x 345 x 88 mm)
Accessories Included	1 IR Sensor, 4 or 8 IR Emitters, Remote, USB Cable, RS232 Cable
Shipping Weight	21.6 lbs (9.8 kg)
Regulatory	FCC, CE, RoHS, WEEE
Warranty	Two (2) years
Order Information	500418-POE-US (UPC: 627699014185) HDMI 4x8 Matrix Switch, HDBT 500418-POE-UK (UPC: 627699914188) HDMI 4x8 Matrix Switch, HDBT 500418-POE-EU (UPC: 627699814181) HDMI 4x8 Matrix Switch, HDBT 500419-POE-US (UPC: 627699014196) HDMI 4x8 Matrix Switch, 4HDMI+4HDBT 500419-POE-UK (UPC: 627699914199) HDMI 4x8 Matrix Switch, 4HDMI+4HDBT 500419-POE-EU (UPC: 627699814192) HDMI 4x8 Matrix Switch, 4HDMI+4HDBT 500468-POE-US (UPC: 627699014684) HDMI 8x8 Matrix Switch, 4HDMI+4HDBT 500468-POE-UK (UPC: 627699914687) HDMI 8x8 Matrix Switch, 4HDMI+4HDBT 500468-POE-EU (UPC: 627699814680) HDMI 8x8 Matrix Switch, 4HDMI+4HDBT 500469-POE-US (UPC: 627699014691) HDMI 8x8 Matrix Switch, HDBT 500469-POE-UK (UPC: 627699914694) HDMI 8x8 Matrix Switch, HDBT 500469-POE-EU (UPC: 627699814697) HDMI 8x8 Matrix Switch, HDBT

HDMI 4x8 & 8x8 Matrix Switch, HDBT, PoE 500418-POE, 500419-PoE, 500468-PoE, 500469-PoE

Typical Application:



Product Photos:

