

# Discover the Power of MuxLab AV Over IP

Easily create 4K video walls and video matrix systems of virtually any size.

## Video Wall Systems

Easily deploy stunning video walls of virtually any size and configuration.

Ideal for:  
**Live Venues**  
**Reception Areas**  
**Sports Bars**  
**Store Fronts**



## Video Matrix Systems

Create a custom video matrix with virtually any number of sources and displays.

Ideal for:  
**Large Homes**  
**Production Studios**  
**Retail Stores/ Digital Signage**  
**Sports Bars/ Restaurants**



## Video with USB KVM (keyboard, video, & mouse)

PC video and USB control distribution from remote PC's and servers to remote computer workstations.

Ideal for:  
**Corporate Offices**  
**Data Centers**  
**Educational Institutions**  
**IT Departments**



### 1080p Video Wall

500754TX  
500754RX



- 1080p resolution
- transmit up to 100 meters over Cat5e/6
- IR/RS232 control
- PoE powered

### 4K Video Wall

500759TX  
500759RX



- 4K/30 resolution
- transmit up to 100 meters over Cat5e/6
- audio insert/extract
- IR/RS232 control
- PoE powered

### 1080p Video Matrix

500753TX  
500753RX



- 1080p resolution
  - IR/RS232 control
  - PoE powered
- 500756
- 1080p resolution
  - H.264 support for high image quality

### 4K Video Matrix

500758TX  
500758RX



- 4K/30 resolution
  - audio insert/extract
  - PoE powered
- 500760
- 4K/60 resolution
  - audio insert/extract
  - PoE powered

### DVI with USB KVM

500771TX  
500771RX



- DVI signal support up to 1920x1200
- 4 USB port hub for KVM control
- PoE powered

### HDMI with USB KVM

500770TX  
500770RX



- HDMI signal support up to 1920x1200
- 4 USB port hub for KVM control
- PoE powered

## Easy Matrix and Video Wall Setup

### Pro Digital Network Controller, 500811

MuxLab's exclusive ProDigital Network Controller will scan the LAN for connected AV over IP transmitters and receivers allowing for quick configuration and control through an easy-to-use web interface from a computer, smartphone or tablet. The Network Controller also serves as the communication gateway for third party control.



## Ethernet Switch



### Layer 3 Managed Network Switch

The network switch handles video signal distribution and switching. With support for stacking of network switches, the AV over IP system can support literally 100's of transmitters and receivers.

Works with leading brands such as Luxul and Cisco.

## AV Over IP Transmitters

### Multiple TX Options

- transmitters available for HDMI, SDI, and DVI source devices
- up to 4K resolution



## Source - Server/PC

Transmitters and receivers with KVM support enable flexible HDMI and DVI signal with USB control distribution for PC's and servers to remote workstations.



## Control System Integration

### Integration Partnerships

MuxLab is proud to partner with leading control systems to ensure seamless integration and control.



## Sources for Video Distribution

### Expansion Without Limits

Distribute an almost limitless number of HDMI, SDI and DVI sources to any number of video displays and video walls.



## Advantages of MuxLab AV over IP

- 1) Comprehensive Product Line** - Support for multiple video connections and signal types ensures integrators always have the optimal solution for the application.
- 2) Ease of Installation** - You don't need to be an IT expert to install MuxLab's AV over IP systems. Matrix and video wall configuration is done via a simple web interface.
- 3) Flexibility** - Support for matrix and video wall configurations scalable to almost any size.
- 4) Integration** - MuxLab has partnered with many leading control system manufacturers to ensure comprehensive integration with our entire AV over IP product line.

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