

MXU-88

8X8 4K HDMI/USB 2.0 Matrix Switch



Access and control up to eight computers with 4K HDMI and transparent USB 2.0 devices from up to eight connected workstations.

FEATURES

- (8) HDMI inputs with resolutions up to 4K (3840x2160 @ 30Hz)
- (8) HDMI outputs with resolutions up to 4K (3840x2160 @ 30Hz)
- (8) USB 2.0 Type B inputs
- (8) Dual USB 2.0 Type A outputs
- Supports digital audio over HDMI
- Supports DVI-D with adaptors
- Supports USB keyboard-mouse control (NO EMULATION)
- Supports USB peripheral devices (external hard-drives, scanners, printers, etc...)
- Simple two-button front panel control with LCD status display
- Full web-based control console over Ethernet
- Learns and stores EDID information
- HDMI 1.4 & HDCP Compliant
- Control Sun, Mac, or PC computers from one workstation
- Plug-and-play for immediate use



OVERVIEW

The MXU-88 is an 8x8 4K HDMI and USB 2.0 matrix switch: it allows up to eight users to control & share any eight remote computers from USB 2.0 equipped workstations with 4K-compatible HDMI displays. Perfect for control rooms or group video editing suites, the MXU-88 excels at expediting workflow by offering control of remote systems via USB peripherals like keyboards, mice, and more with the advantage of 4K-ready HDMI display support.

Controlling the MXU-88 is easy thanks to SmartAVI's simple-yet-robust design. Our two-button front panel control interface allows users to switch between connected systems and devices at the press of a button. Furthermore, MXU-88 features a web-based control interface that offers comprehensive command of connected displays and peripherals via an Ethernet connection.

The MXU-88 is capable of ultra-high detail resolutions up to 4K (3840x2160 @ 30Hz) on HDMI monitors. The switch's 4K capabilities makes it an essential component in various real-world applications including control room supervision, post-production, group-based digital design work, large-scale server management, and more!

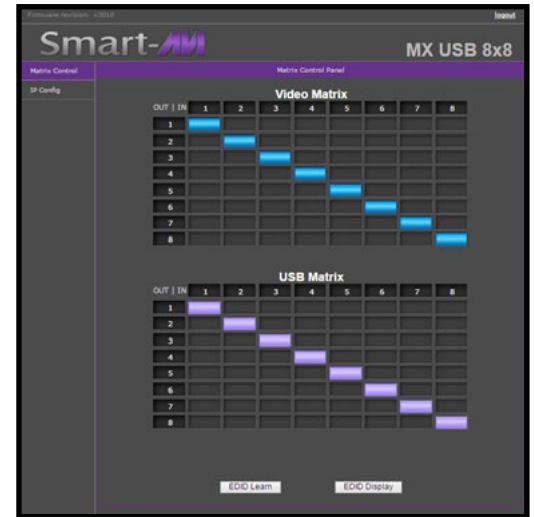


Front-panel buttons allow for easy switching, EDID learning, and more!

The MXU-88 features two user-friendly methods of control:

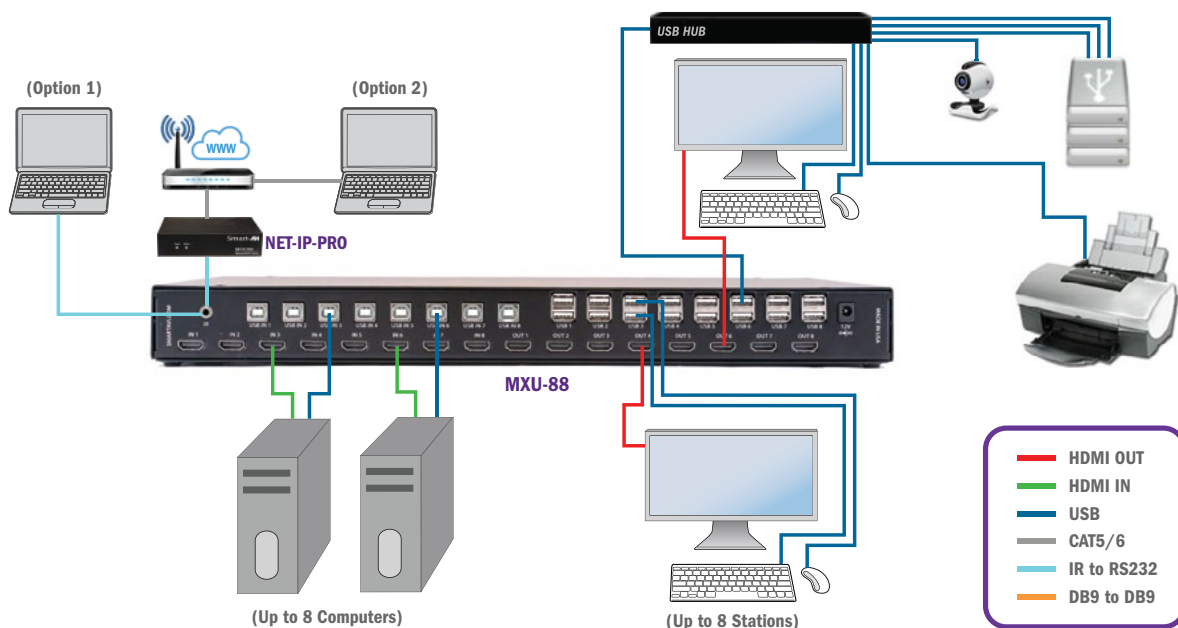
Front-Panel Buttons: two push buttons for switching between sources, systems, and connected devices.

Web Console: control switching, display settings, peripherals, and more from the MXU-88 web-based control interface.



Connect to the MXU-88's web console for complete device management over the Internet.

APPLICATION DIAGRAM



Transparent USB 2.0 Switching. Access to any USB Device for Any Station.

SPECIFICATIONS

MXU-88 Front



MXU-88 Rear



VIDEO & AUDIO

| | |
|-------------------|------------------------------------|
| Input Interface | (8) HDMI Type A 19-pin Female TMDS |
| Output Interface | (8) HDMI Type A 19-pin Female TMDS |
| Max. Resolutions | Up to 4K (3840x2160 @ 30Hz) |
| HDMI Version | HDMI 1.4 |
| Video Bandwidth | 300 MHz |
| Max. Cable Length | Up to 20 ft. |
| Audio | Stereo Embedded in HDMI signal |

USB

| | |
|-------------|--------------------------------------|
| Signal Type | USB 2.0, 1.1, and 1.0 |
| Input | (8) USB Type B Female (No Emulation) |
| Output | (16) USB Type A Female |

CONTROL

| | |
|-------------------|---------------------|
| Front Panel | Front panel buttons |
| Ethernet (TCP/IP) | via RJ-45 |

OTHER

| | |
|-----------------|---------------------------------|
| Power Supply | Internal 100-240 VAC/ 12 DC, 5A |
| Max Consumption | 100 W |
| Dimensions | 17.06" W x 2.0" H x 10.4" D |
| Weight | 8.8 lbs |
| Operating Temp. | 32 to 122°F (0 to 50 °C) |
| Storage Temp. | -4 to 149 °F (-20 to 65 °C) |
| Humidity | Up to 85% RH (non-condensing) |

ORDERING INFORMATION

| Part No. | Description |
|----------|--|
| MXU88-S | 8X8 4K HDMI/USB 2.0 Matrix Switch. Includes: [MXU-88 & (PS12VDC5A)] |



Designed and Manufactured in the USA

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