

X2X MANAGER CONTROLLER

YOUR KVM COMMAND CENTER



OVERVIEW

Experience complete, secure control over your X2XKVM Manager Controller systems with the X2X Manager—a cutting-edge, embedded device designed for mission-critical environments. Its intuitive, web-based interface simplifies everything from installation and configuration to daily management.

KEY FEATURES

- **Total System Mastery:**
Seamlessly configure KVM networked devices, manage routing and audio settings, and orchestrate source/display configurations—all from one elegant programming interface.
 - **Built-In Reliability:**
Operate confidently on an embedded operating system that delivers robust, secure control along with offline programming capabilities. Map and commission devices easily before on-site deployment.
 - **Smart Automation:**
Use the Startup Addressing Assistant to automatically configure all X2XKVM Manager Controller devices, ensuring rapid, error-free setups and smooth updates across your network.
 - **Fortified Security:**
Benefit from user access, encrypted control channels and stringent password management to protect your critical information.
- Step into the future of X2XKVM Manager Controller system management with the X2X Manager Controller—where powerful, secure control meets simplicity and efficiency.

X2XMANAGER

Status

Status

Devices

Matrix

Video Wall

Multiview

System

NAME : 6CDFFB00D728

GROUP :

ALIAS : 6CDFFB00D728

IP Address : 192.168.120.206

MAC : 6CDFFB00D728

STATUS : N/A

USB IP Address : 192.168.120.175

USB MAC : 6CDFFB00D729

USB FIRMWARE : 1.9.4

FORCE : FALSE

COMPRESSION :

FIRMWARE VERSION : 1.5.0.12

RESOLUTION : 3840x2160 @ 60 FPS

FORMAT : RGB, 8 bit, PROGRESSIVE

Settings

NAME : 6CDFFB00D6E0

GROUP :

ALIAS : 6CDFFB00D6E0

IP Address : 192.168.120.171

MAC : 6CDFFB00D6E0

STATUS : N/A

USB IP Address : 192.168.120.233

USB MAC : 6CDFFB00D6E1

USB FIRMWARE : 1.9.4

FORCE : FALSE

COMPRESSION :

FIRMWARE VERSION : 1.5.0.12

RESOLUTION : 1920x1080 @ 60 FPS

FORMAT : RGB, 8 bit, PROGRESSIVE

Settings

NAME : 6CDFFB00D73C

GROUP :

ALIAS : 6CDFFB00D73C

IP Address : 192.168.120.193

MAC : 6CDFFB00D73C

STATUS : N/A

USB IP Address : 192.168.120.203

USB MAC : 6CDFFB00D73D

USB FIRMWARE : 1.9.4

MODE : GENLOCKED

FIRMWARE VERSION : 1.5.0.12

RESOLUTION : 0x0 @ 0 FPS

FORMAT : RGB, 8bit, PROGRESSIVE

Settings

NAME : 6CDFFB00D718

GROUP :

ALIAS : 6CDFFB00D718

IP Address : 192.168.120.210

MAC : 6CDFFB00D718

STATUS : N/A

USB IP Address : 192.168.120.148

USB MAC : 6CDFFB00D719

USB FIRMWARE : 1.9.4

MODE : GENLOCKED

FIRMWARE VERSION : 1.5.0.12

RESOLUTION : 0x0 @ 0 FPS

FORMAT : RGB, 8bit, PROGRESSIVE

Settings

V0.3.2

This page will display all of the currently connected encoders and decoders which are present on the network and detected by the X2XKVM Manager Controller.

Matrix

Status

Devices

Matrix

Video / Digital Audio

Analog Audio

USB

Video Wall

Multiview

Global Settings

Matrix | Video / Digital Audio

KVM

ENCODERS →	6CDFFB00D728	6CDFFB00D6E0
DECODERS ↓		
GENLOCKED 6CDFFB00D73C		
GENLOCKED 6CDFFB00D718		

RESET USB

CROSS POINTS

Join Status

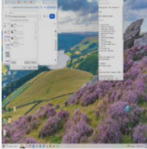
Joined

Video Wall

Multiview

6cdffb00d728

6cdffb00d6e0



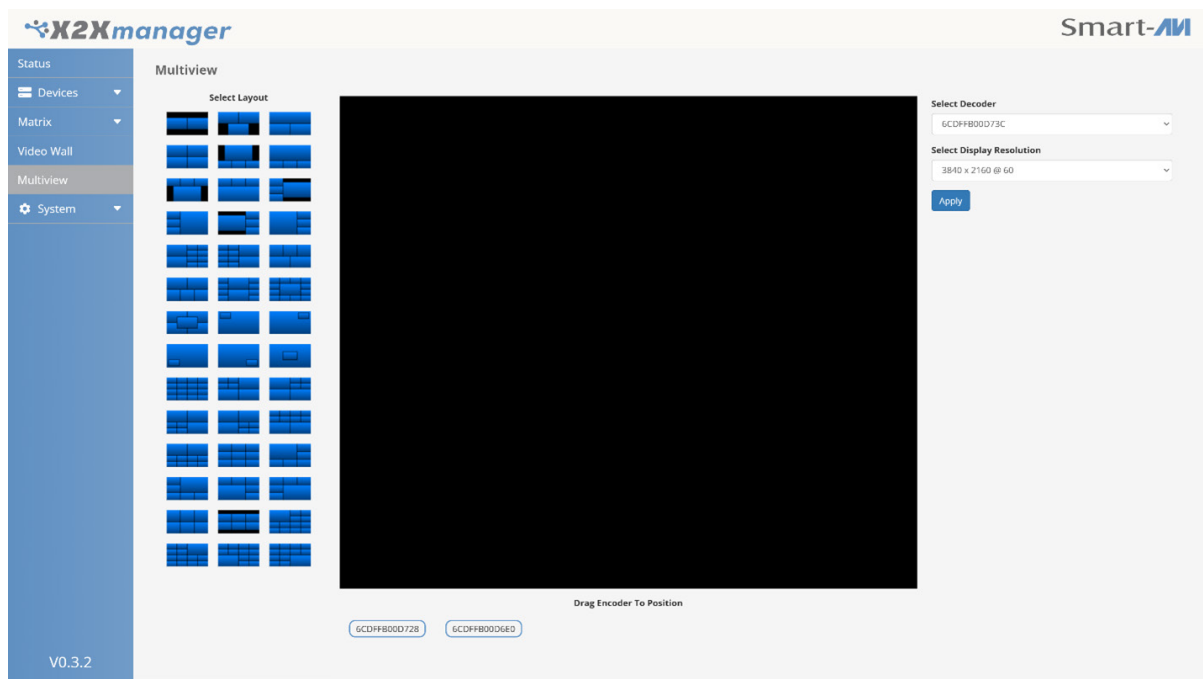


V0.3.2

This page allows you to manage the connections between your encoders and decoders using a matrix to better visualize the connections. Click on one of the cross points between encoders and decoders to connect an encoder and decoder together.

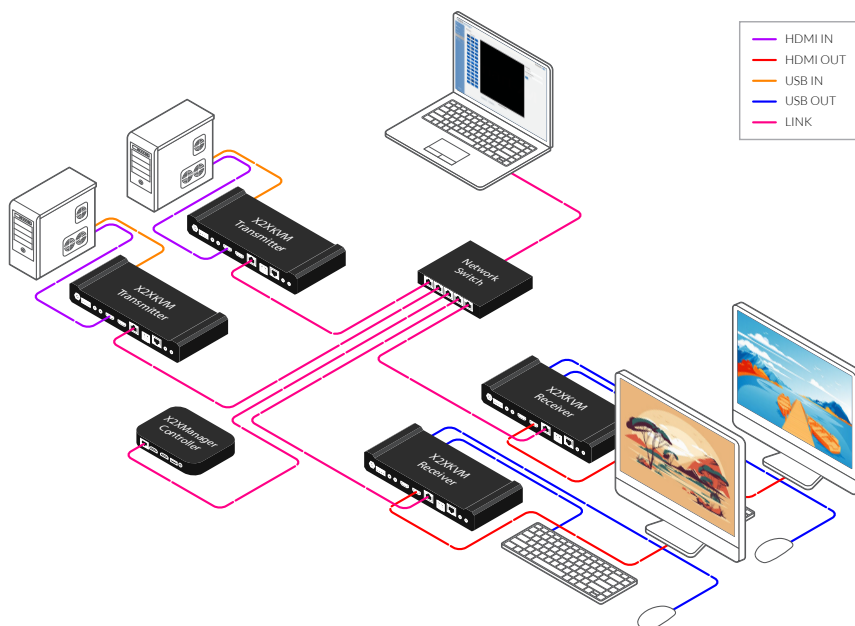
X2XMANAGER (CONTINUED)

Multiview



This page allows you to setup a video wall configuration. Create a video wall with ease by selecting one of the various preset layouts and dragging decoders into their respective slots.

APPLICATION DIAGRAM



Leveraging standard 10G Ethernet infrastructure, the X2XKVM solution facilitates the development of streamlined, adaptable, and highly scalable system architectures. It ensures optimal performance and user experience while minimizing total cost of ownership.

GENERAL VIEW



X2XKVM Manager Controller
Front Panel



X2XKVM Manager Controller
Back Panel

TECHNICAL SPECIFICATIONS

SYSTEM	
Screen Resolution	3840 x 2160
Max Screen Resolution	3840 x 2160
Processor	2.8 GHz Celeron N4020
RAM	4 LPDDR4
Computer Memory Type	DDR4 SDRAM
Hard Drive	64 GB SSD
Graphics Coprocessor	UHD Graphics 600
Wireless Type	Bluetooth, 5 GHz Radio Frequency, 2.4 GHz Radio Frequency
Number of USB 3.0 Ports	4
Operating System	Ubuntu Server 24.04.1 LTS
Ethernet	(1) 100/1000BaseT Ethernet, RJ45

OTHER	
Power Supply	Input: 100 – 240 VAC, 50 – 60 Hz Output: 12VDC, 7.08A, 85W max
Dimensions	4.17" W x 0.71" H x 4.17" D
Weight	1.08 lbs
Operating Temperature	+32 to +104°F (0 to +40°C)
Storage Temperature	-4 to 140°F (-20 to +60°C)
Humidity	Up to 80% (No Condensation)

ORDER INFO

NAME	DESCRIPTION
X2X-KM100	Manager Controller

www.smartavi.com

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North Las Vegas, NV 89030

Smart-AVI
SMART AUDIO VIDEO INNOVATION