

NVXMU-M32 (PoE)

NVXMU-M31 (Non-PoE)



HDMI KVM Extender Matrix over GbE LAN with USB 2.0, Audio, IR, Serial, Video Wall, 100M

Specifications

Model Number	Sender Unit	Receiver Unit
NVXMU-M32 (PoE)	NVXMU-32L	NVXMU-32R
NVXMU-M31 (Non-PoE)	NVXMU-31L	NVXMU-31R
MAX. Resolution	1920x1080@60Hz (4:4:4)	
Video Extension	HDMI x 1 (In)	HDMI x 1 (Out)
USB 2.0 Extension	USB-B x 1	USB-A x 4
Speaker Extension	3.5mm SPK Jack x 1 (In) (Audio Embed Function)	3.5mm SPK Jack x 1 (Out)
Microphone Extension	3.5mm MIC Jack x 1 (Out) (Uni-Cast Only)	3.5mm MIC Jack x 1 (In) (Uni-Cast Only)
IR Extension	3.5mm IR Jack x 1 (Out) 3.5mm IR Jack x 1 (In)	3.5mm IR Jack x 1 (In) 3.5mm IR Jack x 1 (Out)
Serial Extension	RJ11 x 1 (RS-232)	RJ11 x 1 (RS-232)
Serial Control	RJ11 x 1 (RS-232)	RJ11 x 1 (RS-232)
HDCP Compliance	HDCP 1.4	
CAT.x Link Port	RJ45 x 1	
MAX. Bandwidth	850Mbps Each Video Source	
LAN HUB	GbE LAN HUB with IGMP, Jumbo Frame	
Extension Range	MAX. 100M with CAT.x (Unit-to-HUB) MAX. 150M with CAT.x (Point-to-Point)	
LED Indicators	Status x 1	
Push Buttons	Reset x 1, Function x 2	Reset x 1, Function x 2
Power Supply(M32)	PoE from LAN HUB (with Optional DC 12V)	PoE from LAN HUB (with Optional DC 12V)
Power Supply(M31)	DC 12V	DC 12V
Operation Environment	0~40°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Metal	
H x W x D (mm)	28 x 117 x 130	28 x 117 x 130

Features

- Allows Reliable Remote Access of Multiple Computers at Multiple Console Stations inside A LAN System
- Up to 16 Channels Selectable Using A Rotary Switch and May Broadcast to Up to 16000 Stations
- Support Multi-to-Multi, Multi-to-Single, Single-to-Multi, Single-to-Single Link Topologies
- EDID Management Ensures Display Compatibility
- HDMI Video Supports Most Popular Resolutions Up to 1080P
- HDCP 1.4 Compliance Ensures Uninterrupted Video Playback
- USB 2.0 Extension Transparently Supports Keyboard, Mouse, USB Drive, and Others
- Front and Rear USB Ports Allow Easy Access
- Independent Audio and Microphone Extension Also Allows Embedded Audio
- Bidirectional IR Extension Facilitates IR Control of AV Sources
- Serial Extension and Serial Control Allows for Extensive Control Applications
- Plug-and-Play, No Driver or Software Required
- Support Windows / Mac / Linux / Chrome O.S.
- Video Wall Functions Up to The Size of 9x9
- PoE (Power over Ethernet) Allows The Units to Be Powered by The PoE HUB (DC 48V)

Overview

The HDMI KVM Extender Matrix over GbE LAN, NVXMU-M32, enables 100M remote access to multiple computers at multiple stations, including interfaces of HDMI video, USB 2.0, Audio, plus IR and Serial for more controls.

Connection Pattern

