

NVKMU-M42 (POE) NVKMU-M41 (Non-POE)



4K UHD HDMI + USB + Serial Extender over Giga LAN (POE)

► Specifications

Model	Transmitter	Receiver
NVKMU-M42	NVKMU-42L	NVKMU-42R
Input Video I/O	HDMI x 1	N/A
Input Audio I/O	Analog Stereo x 1	Microphone In x 1
Output Video I/O	N/A	HDMI x 1
Output Audio I/O	Microphone out x1	Analog Stereo x 1
Top LED indicators (Power / Connection Status)	x 1	x 1
Video Resolution (Max.)	UHD (3840 x 2160) @ 30 Hz Full HD (1920 x 1080)	
Maximum Distance*	**Ethernet-based Network	
LAN Type	Giga LAN	
Bandwidth	Avg. BW: 120MHz	
	Inst. BW: 165MHz	
	Static image BW: 30MHz	
System Expandability (Max.)	16	16
USB 2.0	USB-B x 1	USB-A x 4
Serial Extension	Yes	
Serial Port	x 2	
Power Supply	DC 48V from Lan Port DC 12V Adaptors (Optional)	
Power Consumption	13.5W	
H x W x D (mm)	28 x 117 x 130 (Each NVKMU Unit)	

Note:

- Power over Ethernet: PoE HUB required for PoE operation
- Power- Nominal Input: 48VDC; Input Range: 36-57VDC

** 3 levels of Switch Hub can be Daisy-chained for system expansion, and each switch hub can have 100 meters extension.

Related Products

NVKM-M42: 4K2K HDMI+Serial Extender over LAN (POE)
NVKM-M41: 4K2K HDMI+Serial Extender over LAN (Non-POE)

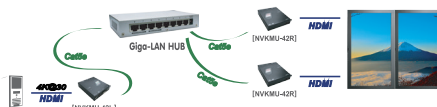
► Features

- Extend High Definition Video Signal over LAN, Depending on Performance Network
- Extend USB Signal Transmission by Using The Existing LAN System without Additional Wiring
- Suitable for Most of Popular USB Devices (e.g. USB Sticks, USB Printers, USB Scanner, External Hard Disk Drives etc.)
- 16 Selections on The DIP Rotary Switch Available for Pairing
- Up to 4 Pairings Can be Transmitted Simultaneously over The Giga LAN Hub
- Using Giga LAN System for Low Latency Network and Well-grouping Management
- Automatic EDID Configuration
- PoE Function Supported, No Additional Power Supply for The Extender unit
- Well-developed Ethernet Technology and TCP/IP Communication Protocol
- HDCP-Compliant and Blu-ray Ready
- Compatible with Most of Popular Screen Resolution up to 4K@30Hz System
- HDMI 2.0 Compliant

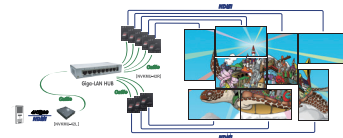


► Connection Pattern

Video Wall Application



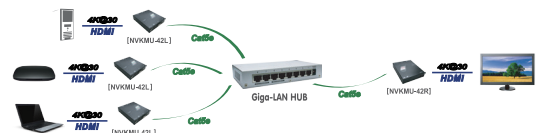
Asymmetric Video Wall



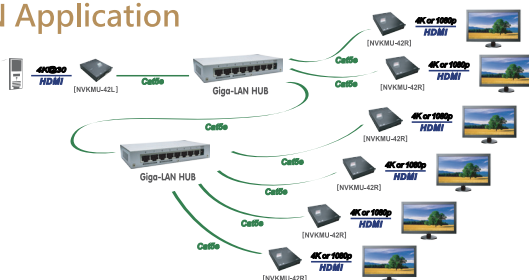
1 to 1 Application



N to 1 Application



1 to N Application



N to N Application

