

## 4K HDMI Extender over Giga LAN (PoE) with Serial + IR EXT.

### ► Specifications

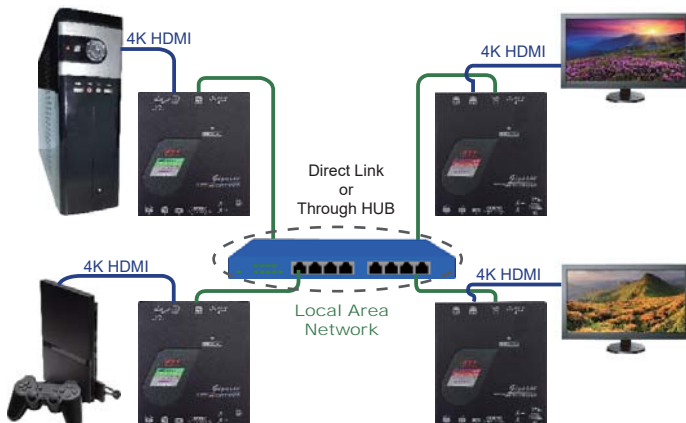
	Sender Unit	Receiver Unit
Model	<b>NVKM-42L</b>	<b>NVKM-42R</b>
Input Video I/O	HDMI x 1	N/A
Input Audio I/O	Analog Stereo x 1	Microphone In x1
Output Video I/O	N/A	HDMI x 1
Output Audio I/O	Microphone Out x1	Analog Stereo x 1
Serial Port	RJ12 x 1 (Serial Extension) RJ12 x 1 (Serial Control)	
LEDs Indicators (Power / Connection Status)	x 2	x 2
Video Resolution (max.)	UHD (3840 x 2160) @ 30 Hz Full HD (1920 x 1080)	
Maximum Distance*	**Ethernet-Based Network	
LAN Type	Giga LAN	
System Expandability (max.)	16	Broadcast: 16000
Control Method	Web (LAN), Serial	
Power Supply	DC 48V from Lan Port DC 12V Adaptor ( Optional )	
Weight (g)	500 ~ 550	
H x W x D (mm)	28 x 117 x 130 (Each 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.

### ► Connection Pattern



### ► Features

- Extend 4K HDMI Video Signal over LAN
- 16 Selections on The DIP Rotary Switch Available for Pairing & Easy Installation
- Up to 4 Pairings Can be Transmitted Simultaneously over The Giga LAN Hub (IGMP)
- Each Pairing Can be Broadcasted Up to 1000 Locations (TVs/ Projectors)
- Using Giga LAN System for Low Latency Network and Well-Grouping Management
- Automatic EDID Configuration
- Support HDMI with 2ch. Audio
- HDCP 1.4 Compliant and Blu-Ray Ready
- Compatible with Most of The Popular Screen Resolution, Up to 4K@30Hz System
- HDMI 1.4 Compliant

### Video Wall Function

- Assign Video Sources to Any Monitors of The Video Wall
- Support 2x2, 3x3, 4x4...8x8 Screen Array (Max. 8x8)
- Provide Several Cutting Modes for 1xN (1x2, 1x3...) 2x3, 2x4 for Wide Variety of Applications, Such as Commercial Office Buildings, Exhibition Hall and Interactive Digital Signage

### Related Products

NVKMU-M42: 4K UHD HDMI + USB + Serial Extender over Giga LAN ( POE )  
NVKMU-M41: 4K UHD HDMI + USB + Serial Extender over Giga LAN (Non-POE)



Video Wall Application

