

## 4K HDMI KVM Extender Matrix over GbE LAN with USB 2.0, Audio, IR, Serial, Video Wall, 100M

### Specifications

MAX. Resolution	3840x2160@30Hz ( 4:4:4 )	
Video Extension	HDMI 1.4 x 1 ( In )	HDMI 1.4 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( M42 )	PoE from LAN HUB ( with Optional DC 12V )	PoE from LAN HUB ( with Optional DC 12V )
Power Supply( M41 )	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 x130	28 x 117 x 130
Weight ( g )	610	610

### 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 Braodcast 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 1.4 Video Supports Most Popular Resolutions Up to 4K@30Hz ( 4:4:4 )
- 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 Embeded 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 )

### Connection Pattern

