

# 4K UHD VIDEO OVER IP

ORDER NO. EL-4KPM-VIP-TX, EL-4KPM-VIP-RX, EL-4KPM-VIP-CTRL



ELAN's Video over IP solutions delivers stunning, virtually latency free, HDMI video at 4K UHD resolutions over a 1GB Network.



EL-4KPM-VIP-TX, EL-4KPM-VIP-RX, EL-4KPM-VIP-CTRL

## Video over IP from ELAN delivers virtually latency free distribution of HDMI video over a 1GB Network switch.

ELAN's new Video over IP solution utilizes multi-cast technology to deliver virtually latency free distribution of HDMI video at 4K UHD resolution over a 1GB Ethernet Switch. Using lossless compression technology, ELAN's Video over IP solution delivers stunning video, bi-directional IR, and RS-232 up to lengths of 100m over a single category cable. ELAN's Video over IP solution features Power over Ethernet (PoE) capabilities allowing for a cleaner, easier, solution when connecting to a PoE Ethernet switch or PoE injector. ELAN's Configuration software and multi-cast technology, gives our Video over IP solution the flexibility and ease of installation for all of your projects.

The beauty of Video over IP is its flexibility and ease of installation. The industry has been requesting a video over IP solution that can be installed in minutes negating the need for any networking qualifications. Video over IP has been developed in line with these objectives and is now ready to deliver a new era in advanced video distribution.

**Residential:** Utilizing existing category cable infrastructure throughout a home, our solutions can transmit 4K resolutions to multiple displays with ease. No longer must all sources be located in a central location as per typical rack-based matrix solutions, as the Video over IP products allow sources to be installed in any location throughout the home. All ELAN Video over IP products require a single category cable to each product. Our Video over IP products have been tested and approved for compatibility with all recognized manufacturers of TV displays and AV hardware.

**Commercial:** Many commercial installations will far exceed the capabilities of any standard HDMI / HDBaseT distribution system. The ELAN Video over IP hardware is not limited by the standard constraints of other methods of distribution, allowing virtually unlimited amounts of source and display hardware to be installed at any location, across existing network infrastructures.

### Common features

- Visually Latency Free 4K HDR Video Distribution
- Built-In Video Up-Scaling and Down-Scaling
- Virtually Unlimited Scalability
- Easy to Install
  - Extends HDMI using almost any Layer 3 1GB Ethernet Switch
  - No VLAN Setup Required
- Easily Integrates with ELAN Systems
- Advanced EDID Management
- 4 Modes of Operation
  - Matrix Distribution
  - Video Wall
  - One-to-One HDMI Extender
  - One-to-Many HDMI

# 4K UHD VIDEO OVER IP

ORDER NO. EL-4KPM-VIP-TX

**Description:**  
The EL-4KPM-VIP-TX is an industry leading 4K HDMI transmitter that uses lossless compression technology to deliver HDMI 4K video, Bi-directional IR, and RS-232 signals up to 100m over a single category cable. The EL-4KPM-VIP-TX can be powered via PoE (Power over Ethernet) from a PoE enabled Ethernet switch or a PoE injector. The EL-4KPM-VIP-TX may also be powered locally when PoE is not an option.

SPECIFICATIONS	
Video input	1x HDMI type A, female
Video output	1x LAN RJ45 connector
Audio input	1x 3.5mm L/R analogue audio
Ethernet port	1x LAN RJ45 connector
RS-232 serial port	1x 3-pin phoenix connector
IR input	1 x 3.5mm stereo jack
IR output	1x 3.5mm mono jack
Mounting Kit	Mounting kit included
Dimensions (W x D x H )	7.48" x 4.25" x .98" (190mm x 108mm x 25mm)
Shipping weight (Kit)	1.65lbs (0.75kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)



EL-4KPM-VIP-TX

# 4K UHD VIDEO OVER IP

ORDER NO. EL-4KPM-VIP-RX

## Description:

The EL-4KPM-VIP-RX is an industry leading 4K HDMI receiver that uses lossless compression technology to deliver HDMI 4K video, Bi-directional IR, and RS-232 signals up to 100m over a single category cable. The EL-4KPM-VIP-RX can be powered via PoE (Power over Ethernet) from a PoE enabled Ethernet switch or a PoE injector. The EL-4KPM-VIP-RX may also be powered locally when PoE is not an option.

SPECIFICATIONS	
Video input	1x LAN RJ45 connector
Video output	1x HDMI type A, female
Audio input	2x RCA L/R analogue audio
Ethernet port	1x LAN RJ45 connector (video extension)
RS-232 serial port	1x 3-pin phoenix connector
IR input	1x 3.5mm stereo jack
IR output	1x 3.5mm mono jack
Mounting Kit	Mounting kit included
Dimensions (W x D x H )	7.48" x 4.25" x .98" (190mm x 108mm x 25mm)
Shipping weight (Kit)	1.65lbs (0.75kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)



EL-4KPM-VIP-RX

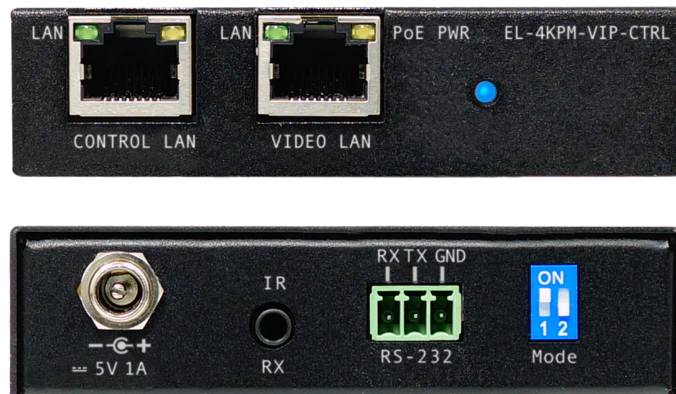
# 4K UHD VIDEO OVER IP

ORDER NO. EL-4KPM-VIP-CTRL

## Description:

ELAN's Video over IP distribution platform allows distribution of HDMI video over a 1GB Network switch.

SPECIFICATIONS	
Ethernet port	2x LAN RJ45 connector
RS-232 serial port	1x 3-pin phoenix connector
R input	1x 3.5mm stereo jack
Ethernet port	1x LAN RJ45 connector
Dimensions (W x D x H )	3.5" x 3.35" x .91" (89mm x 85mm x 23mm)
Shipping weight (Kit)	.88lbs (0.4kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)



EL-4KPM-VIP-CTRL



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