

# VIP-100 II Video Over IP Extension System w/ POE



The **VIP-100 II** HDMI over IP distribution system provides video, audio, RS-232, and IR extension, distribution and matrix switching capabilities. Transmitter (encoder) and receiver (decoder) modules can be connected together for point-to-point extension over distances up to 394 ft. (120 m), as well as a point-to-many, many to point, and matrix connections providing up to a 64x190 matrix switching system, or even a 64 x 65K system based on Class B networks.

## Key Features

- Support resolutions up to Full HD/1080p
- LED channel display
- Front panel channel plus/minus buttons
- IR remote control for familiar channel selection
- PoE (Power over Ethernet) - power encoders/decoders from 802.3af PoE network switches
- RS232 & IR extension/distribution
- HDMI Loop out on Transmitter
- HDCP compliant
- Point-to-point or matrix system:
  - Up to 64 x 190 matrix (hardware) on Class C networks
  - Up to 64 x 65K on Class B networks

# VIP-100 II

Video Over IP Extension System w/ POE

## Technical Specifications

### HARDWARE

AUDIO	HDMI w/embedded audio
CABLING	Cat 5 UTP or better
INPUT SIGNAL TYPES	(Tx) HDMI v1.3, RS232 (Rx) RJ-45, H.264 UDP Multicast, RS232, IR
OUTPUT SIGNAL TYPES	(Tx) RJ-45, H.264 UDP Multicast, RS232 (Rx) HDMI v1.3, RS232, IR

### PERFORMANCE

SUPPORTED DISTANCE	120 m / 390 ft.
DATA TRANSFER RATE	15Mbps (typical)
SUPPORTED RESOLUTIONS	Up to 1080p / 1920x1080
HDCP COMPLIANCE	1.3
RS-232	2400-115K baud, user-settable
IR EXTENSION	Rx to Tx (38-56 KHz)

### CONNECTOR(S)

CONNECTOR TYPES (TX)	2 - HDMI (19 pin) Female 1 - RJ-45 Female (LAN) 1 - Phoenix 3pin (RS232) 1 - 1/8" Female (IR)
CONNECTOR TYPES (RX)	1 - HDMI (19 pin) Female 1 - RJ-45 Female (LAN) 1 - Phoenix 3 pin (RS232) 1 - 1/8" Female (IR)

### POWER

INPUT POWER REQUIREMENTS	5 VDC, 600mA typical
POWER ADAPTER	120-240 VAC to 5 VDC, 1A
POE (POWER OVER ETHERNET)	802.3af

### DIMENSIONS & WEIGHT

ENCLOSURE TYPE	All metal, black powder coat finish
DIMENSIONS	1.1" x 4.7" x 3.1 (29 mm x 120 mm x 79 mm)
WEIGHTWEIGHT	0.61 lbs [280 g]