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
## 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)

**WEIGHT**
- 0.61 lbs [280 g]