The VIP-EXT-100-2 1080P HDMI & USB/KM over IP Extension System provides Full HD video, audio, RS-232, and IR signal extension, point to point, with or without a network. The Transmitter can be connected to a Receiver supporting distances up to 120 meters, or through a network switch, effectively doubling the extension distance up to 240 meters. Video over IP extension, when utilized on a network, allows you to convert your extension system at any time to distribution, switching, or matrix routing, a major advantage of Video over IP opposed to other technologies.

**Key Features**

- Transmitter and Receiver enclosures – powered locally or by PoE 802.3af
- Full HD – 1080P60 extension
- Extend up to 120 meters TX direct to RX, or 240 meters TX to network switch to RX
- Extend video, and stereo audio
- Extend RS232, and Infrared
- Can be converted with additional Tx/Rx units, for distribution, switching, and matrix systems
- H.264 codec: <= 15mbps data rate, 390mS latency

**Technical Specifications**

**AUDIO**

- HDMI w/embedded audio

**CABLING**

- Cat 5 UTP or better

**INPUT SIGNAL TYPE(S)**

- TX : HDMI v1.3, RS232
- RX : RJ-45 H.264 UDP Multicast, RS232, IR

**OUTPUT SIGNAL TYPE(S)**

- TX : RJ-45 H.264 UDP Multicast, RS232, IR
- RX : HDMI v1.3

**Performance**

**SUPPORTED DISTANCE**

- Up to 120 m / 390 ft.

**SUPPORTED RESOLUTIONS**

- up to 1080p / 1920x1080

**COMPLIANCE**

- HDCP 1.3

**SUPPORTED AUDIO FORMATS**

- Up to 7.1 LPCM 192Khz / Dolby True HD / DTS-HD Master Audio

**POWER CONSUMPTION**

- 5 VDC, 600mA typical

**POE (POWER OVER ETHERNET)**

- 802.3af
## VIP-EXT-100-2 Full HD 1080P HDMI over IP Extension System

### Connections

<table>
<thead>
<tr>
<th>INPUT TYPE(S)</th>
<th>TX</th>
<th>RX</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) HDMI (19 pin) Female</td>
<td>(1) HDMI (19 pin) Female</td>
<td>(1) RJ-45 Female (LAN); (1) Phoenix 3 pin (RS232); (1) 1/8” Female (IR)</td>
</tr>
<tr>
<td>(1) 1/8” Female (IR)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>OUTPUT TYPE(S)</th>
<th>TX</th>
<th>RX</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) HDMI (19 pin) Female (loop-out); (1) RJ-45 Female (LAN); (1) Phoenix 3 pin (RS232); (1) 1/8” Female (IR)</td>
<td>(1) HDMI (19 pin) Female</td>
<td>(1) 1/8” Female (IR)</td>
</tr>
</tbody>
</table>

### Enclosure

<table>
<thead>
<tr>
<th>PRODUCT DIMENSIONS</th>
<th>TX: 1.1” x 4.7” x 3.1 (29 mm x 120 mm x 79 mm)</th>
<th>RX: 1.1” x 4.7” x 3.1 (29 mm x 120 mm x 79 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>TX: 0.61 lbs</td>
<td>RX: 0.61 lbs</td>
</tr>
</tbody>
</table>

### Warranty

| WARRANTY           | Limited Warranty (3-Years)                     |