

VIP-EXT-100-1

Full HD 1080P HDMI over IP Extension System – Wallplate TX



The **VIP-EXT-100-1** 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 Wallplate 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

- Wallplate Transmitter and Receiver enclosure – 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 RX : RJ-45 H.264 UDP Multicast, RS232, IR
OUTPUT SIGNAL TYPE(S)	TX : RJ-45 H.264 UDP Multicast 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

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Connections

INPUT TYPE(S)	TX : (1) HDMI (19 pin) Female RX : (1) RJ-45 Female (LAN); (1) Phoenix 3 pin (RS232); (1) 1/8" Female (IR)
OUTPUT TYPE(S)	TX : (1) RJ-45 Female (LAN) RX : (1) HDMI (19 pin) Female; (1) 1/8" Female (IR)

Enclosure

PRODUCT DIMENSIONS	TX : 4.07" x 1.81" x 1.18" (103.5mm x 46mm x 30mm) RX : 1.1" x 4.7" x 3.1 (29 mm x 120 mm x 79 mm)
PRODUCT WEIGHT	TX : 0.36 lbs RX : 0.61 lbs

Warranty

WARRANTY	Limited Warranty (3-Years)
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