

## NetworkAV™ H.264 HDMI Transmitter over IP with PoE & RS-232






Extend and Distribute 1080p HDMI over Any IP Network up to 394 ft with Dual PoE Power

MPN: EXT-AVIPH264TX



The EXT-AVIPH264TX eliminates dedicated AV cabling for multi-display installations by encoding and transmitting full HD 1080p HDMI signals over a standard Ethernet network up to 394 ft (120m) using H.264 compression over TCP/IP. A single CAT5e/6 run carries video, audio, IR control, and RS-232 — with PoE eliminating the need for a local power outlet at the transmitter.

Designed for integrators deploying digital signage, corporate AV, and multi-zone display systems, the EXT-AVIPH264TX supports point-to-point, one-to-many, and many-to-many topologies over a managed Gigabit switch. Group ID selection via remote controller or web browser allows source-switching without recabling, and the HDMI lothrough output keeps a local display active at the source.

 <b>H.264 IP</b> H.264 over IP	 <b>PoE</b> 802.3af PoE	 <b>1080p</b> @60Hz	 <b>RS-232</b> Control	 <b>HDCP</b> Compliant
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### KEY FEATURES

- Encodes and transmits pure 1080p HDMI signals up to 394 ft (120m) over a single CAT5e/6 cable
- H.264 compression over TCP/IP — 15 Mbps streaming bit rate, LPCM audio at 48kHz
- Dual power input: 802.3af PoE compliant + DC 5V (no power adapter required with PoE switch)
- Supports point-to-point, one-to-many, and many-to-many — up to 64 TX / 255 RX nodes
- Group ID source switching (00–63) via IR remote controller or web browser
- Bidirectional RS-232 pass-through up to 115,200 baud — 8 baud rate presets
- Wideband IR pass-through 38–56kHz for remote source control at the display location
- HDMI lothrough output for simultaneous local display at the transmitter

### SPECIFICATIONS

<b>Compression</b>	H.264 over TCP/IP
<b>Video Formats</b>	480i/480p/576i/576p/720p/1080i/1080p@60Hz
<b>Bit Rate</b>	15 Mbps
<b>HDCP</b>	Compliant
<b>Audio</b>	LPCM, 48kHz
<b>IR Frequency</b>	38–56kHz
<b>RS-232</b>	Default 2400 bps; 8 options to 115200
<b>Default IP (TX)</b>	192.168.1.11
<b>Max Nodes</b>	64 TX / 255 RX / 256 total
<b>Power</b>	DC 5V/1A or 802.3af PoE • 3W max
<b>Dimensions</b>	4.69"×3.13"×1.10" (119×79.5×28mm)
<b>Net Weight</b>	0.62 lbs (0.28kg)

### PACKAGE CONTENTS

1× Transmitter • 1× Receiver • 1× IR-TX cable • 1× IR-RX cable • 2× IR Ext cable • 2× Power adapter 5V 1A • 2× Phoenix RS-232 plug • 2× Remote controller • 4× Mounting ears • 8× Screws • 1× Manual

