KanexPro EXT-AVIPH264RX NetworkAV H.264 HDMI Receiver over IP with POE/RS-232

Performance

- Protocol: H.264 encoder over TCP/IP
- Supported Video formats: 480i/480p/576i/576p/720p/1080i/1080p@60HZ
- Supported Audio formats: LPCM, Audio sampling rate 48KHz
- Streaming Bit Rate: 15Mbps
- HDCP Compliant
- IR Frequency 38 -56 KHz
- RS232 Baud rate: Default 2400bps, total 8 options

IP setting & Group ID settings:

Default IP:

- TX: 192.168.1.11
- RX: 192.168.1.12
- Group ID Group 00 ~ group 63
- Request for Switch/Router Support: IGMP, supports DHCP

Connectors on Transmitter

- Input 1xHDMI Female port
- Output 1x RJ45 output, 1x HDMI looping output
- RS232 Phoenix RS232 port IR IR TX port (Support 38K-56KHz)
- IR Ext port (Support 38KHz)

Connectors on Receiver

- Input 1xRJ45 input
- Output 1x HDMI Female port looping output
- RS232 Phoenix RS232 port
- IR IR RX port (Support 38K-56KHz)
- IR Ext port (Support 38KHz)

Environmental & Power Requirements

- Operating temperature: -5 to +35 C (+23 to +95 F)
- Operating Humidity Range: 5 to 90%RH (No Condensation)
- Power supply: DC 5V 1A
- Power consumption: Max 3 watts

Physical Dimensions:

- Tx:119x79.5x28mm
- Rx: 119x79.5x28mm
- Net Weight TX: 0.28Kg RX:0.28Kg

Supported Input Resolutions:

Frequency	Resolution
50Hz	576i
	576P
	720P
	1080P
	1080i
	480i
	480P

60Hz/59.94Hz	720P
	1080P
30Hz/29.97Hz	1080P
24Hz	1080P
25Hz	1080P

VESA Resolutions

Frequency	Resolution
50Hz	576i
	576P
	720P
	1080P
	1080i
60Hz/59.94Hz	480i
	480P
	720P
	1080P
30Hz/29.97Hz	1080P
24Hz	1080P
25Hz	1080P

Helpful Tips & Recommendations:

- Solid core CAT5e/6 or greater with TIA/ EIA-568B crimp pattern
- Do not share ground connection with display
- Shielded CAT5/6 with metal RJ-45 connectors are recommended to safeguard against random video flashes caused by electromagnetic interference (EMI).
- If the power LED indicator on the Tx/Rx unit is not on, check to make sure that the CAT5/6 cables are not crossed i.e., Ethernet to Link instead of Ethernet to Ethernet.