HVWCIP-Series
(HVWCIP-T + HVWCIP-R)

The HVWCIP-Series HDMI (H.264) IP matrix receiver/transmitter over CAT6 with video wall mode support for digital signage applications.

The AG Neovo HVWCIP-Series is a HDMI video wall matrix extender that delivers end-to-end media streaming over IP networks. The HVWCIP-Series consists of two units: HVWCIP-T (Transmitter) and HVWCIP-R (Receiver). The HVWCIP-R has a H.264/MPEG-4 AVC video compression format. It receives the encoded IP signal through a LAN port and decodes the video/audio signal out through a HDMI interface. The HVWCIP-Series also supports stereo de-embedding and streaming resolutions up to 1920 x 1200@60Hz.
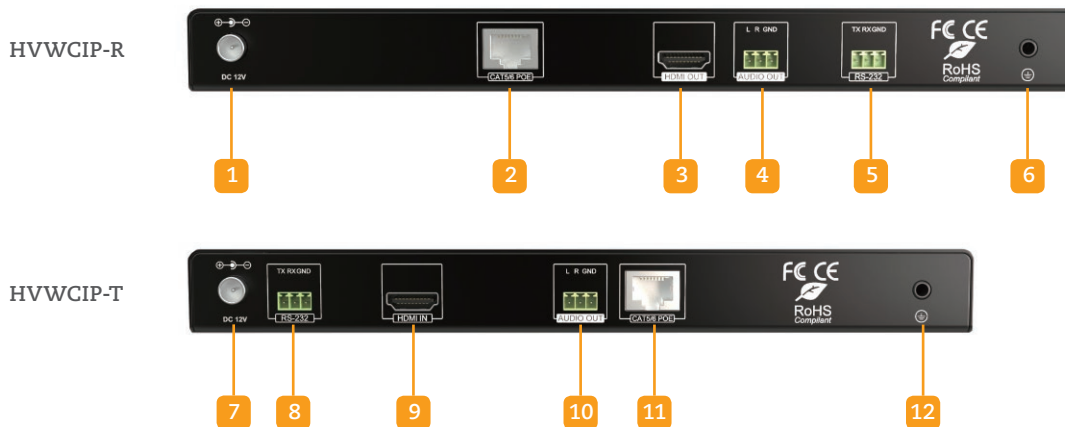
> Flexible control and management options
> CEC Function
> Supports live IP video stream decoding
> Supports POE
> Capable of outputting two IP Streams (allows video previewing)
> Supports multiple interfaces HDMI, DVI, VGA, YPbPr or CVBS signals over IP networks
> Point to Point: (Direct Connection with CAT5/6) - 100m
> Point to Multi: Point with CAT5/6 requires a POE Network; Switch which supports port based, IGMP v2.0 or above protocol; for large application, we would recommend Dell Networking 5500 series, which use 2 HDMI port or 2 SFP port to cascade
> Matrix and Video Wall functions
> Supports audio embedding and de-embedding
> Auto Scaler
> Supports H.264 features baseline profile, main profile and high profile
> Supports H.264, TCP/IP, Telnet, UDP and IGMP
> Supports Auto IP, Zero-configuration networking (zeroconf)
> Seamless switching, no black screen, no frame lock
> Configurable encoding bit rate up to 30 Mbps
> Auto input format detection
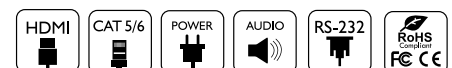> HDCP compliant

HVWCIP-Series (HVWCIP-T + HVWCIP-R)

Specifications	HVWCIP-Series	
Units	HVWCIP-T	HVWCIP-R
Input Video Port	HDMI in	LAN
Input Video Type	HDMI, DVI	H.264, MPEG-4 AVC
Input Resolution	HDMI 640 x480@60Hz up to 1920 x1200@60Hz DVI up to 1920 x1200@60Hz VGA up to 1920 x1200@60Hz YPbPr up to 1920 x1080i@60Hz CVBS up to 576i@50Hz	480p@60Hz~1920x1200@60Hz
Video Impedance	100 Ω	100 Ω
Output Video Port	LAN	HDMI
Output Video Type	H.264/MPEG-4 AVC	HDMI 1.3
Output Resolution	Up to 1920 x 1200@60Hz	HDMI up to 1920 x 1200@60Hz
Input Audio Port	Audio jack	LAN
Output Audio Port	Phoenix connector	Phoenix connector
Power Supply	12 V 1 A DC	12 V 1 A DC
Dimesnions (L X H X D)	236 x 25 x 94 mm (9.3" x 1.0" x 3.7")	267 x 25 x 112 mm (10.5" x 1.0" x 4.4")
Weight	0.5 kg (1.0 lbs)	0.6 kg (1.3 lbs)

Panel Description

HVWCIP-R

1 — 2 — 3 — 4 — 5 — 6

HVWCIP-T

7 — 8 — 9 — 10 — 11 — 12

1	Power Jack	7	Power Jack
2	LAN (POE)	8	RS-232
3	HDMI OUT	9	HDMI IN
4	Stereo Audio OUT	10	Stereo Audio OUT
5	RS-232	11	LAN (POE)
6	3.5mm Jack Stereo IN	12	3.5mm Jack Stereo IN

HDMI | CAT 5/6 | POWER | AUDIO | RS-232 | RoHS Compliant

HVWCIP-Series (HVWCIP-T + HVWCIP-R)

Multi Source to Multi Display Application

HVWCIP-SET

CABLE INDEX

- 🟥 Input / Output
- 🟦 CAT-5e / CAT-6
- ⬜ AUDIO

MULTI SOURCE TO MULTI DISPLAY

1080p60 = 100m (328 feet) CAT6
WUXGA = 100m (328 feet) CAT6

HVWCIP-R

IPAD APP WITH LIVE PREVIEW

HVWCTRL

UP TO 100M (330FT)

CONTROL SOFTWARE VIA PC

HVWCIP-T

DVI/HDMI SOURCE   VGA SOURCE   YPbPr SOURCE   CVBS SOURCE

AG neovo