

HIP-Series (HIP-T + HIP-R)



The AG Neovo HIP-Series (HIP-T + HIP-R) HDMI unlimited LAN extender over single CAT6 for digital signage applications.

HIP-Series, HDMI extender set is designed to extend your HD display with the max. resolutions of 1080p/60Hz up to 330 feet (100 meters) away from your HDMI or DVI-D source. Thanks to the use of the TCP/IP protocol, you can transfer your high-definition video over an existing TCP/IP network. See below three examples:

- A. The HIP-T and HIP-R units can extend 100 meters over a single CAT5/6 cable connection point to point.
- B. The HIP-T can be connected to a switch to establish an IP address therefore sending 1080p video signals to Multiple HIP-R connected to the switch to the desired displays. BONUS up to 150 Displays with single HIP-T.
- C. The HIP-T can be connected to a router with internet to establish a DHCP address therefore sending 1080p video signals to HIP-R connected to the router to the desired displays.

- > Silicon Image chipset embedded for best quality, compatibility and reliability
- > HDMI 1.3c compliant
- > HDCP compliant
- > EDID 1.1
- > Regenerates the HDMI signal
- > Extends HDMI up to 100m/120m over single CAT5E/6
- > Supports resolution HDTV / 1080Pp / 60Hz, Vesa (1920 x 1080)
- > Supporting the point to point transmission function currently which can be expanded to the multi-point to point transmission function.
- > Pure unaltered uncompressed 7.1ch digital HDMI over LAN cable transmission
- > Allows upto 150 Receivers to single Transmitter

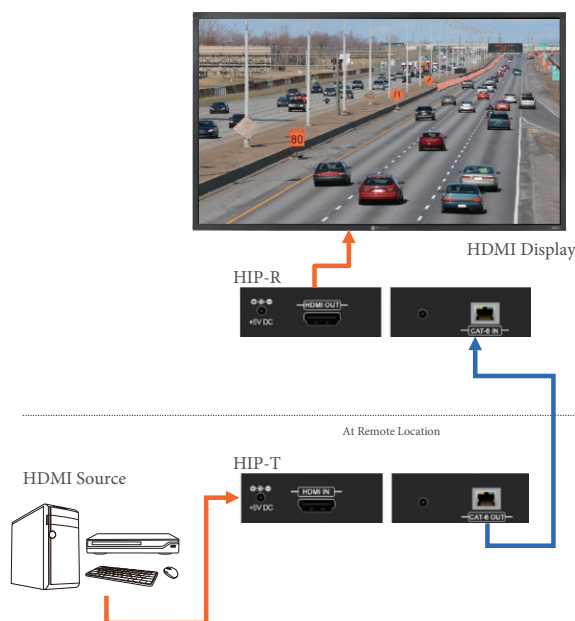
HIP-Series

Specifications

HIP-Series

Units	HIP-T	HIP-R
Unit Description	HDMI 1.3 Transmitter	HDMI 1.3 Receiver
HDMI Compliance	HDMI 1.3c	
HDCP Compliance	Yes	
Video Bandwidth	M-JPEG technology to process image compressing GIGABIT (10/1000) over LAN	
Video Resolutions	480i / 480p / 720p / 1080i / 1080p60	
HDMI Transmission Range	Full HD: (1080p) ~ 100 m (330 feet) (CAT5e) / 120 m (365 feet) (CAT6) HD: (720p/1080i) ~ 100 m (330 feet) (CAT5e) / 120 m (365 feet) (CAT6)	
Audio Support	Surround Sound (up to 7.1 ch) or Stereo Digital Audio	
ESD Protection	[1] Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge] [2] Core chipset — ±8kV	
Input	1 x RJ45 / 1 x HDMI	
Output	1 x RJ45 / 1 x HDMI	
Dimensions (L x W x H)	110mm x 58mm x 26mm (4.3" x 2.2" x 1")	
Weight	245g	
Power Supply	2 X DC 5V/1A	
Power Consumption	3W Max Each	
Operating Temperature	0°~40°C (32°~104°F)	
Storage Temperature	-20°~60°C (-4°~140°F)	
Relative Humidity	20 ~ 90% RH (no condensation)	
Package Contents	HIP-T: 1 x HIP Transmitter / 1 x Power Adapter / 1 x User's Manual HIP-R: 1 x HIP Receiver / 1 x Power Adapter / 1 x User's Manual	

HIP-Series Application Diagram 1 / Point to Point



HIP-Series Application Diagram 2 / Point to Router

