

HIP-Series (HIP-TA + HIP-RA)

The AG Neovo HIP-Series (HIP-TA + HIP-RA) HDMI over IP Extenders over single CAT6 for digital signage applications.



The AG Neovo HIP-Series HDMI over IP Extenders deliver 1080p HDMI A/V signals over long distances via a standard Gigabit network switch.

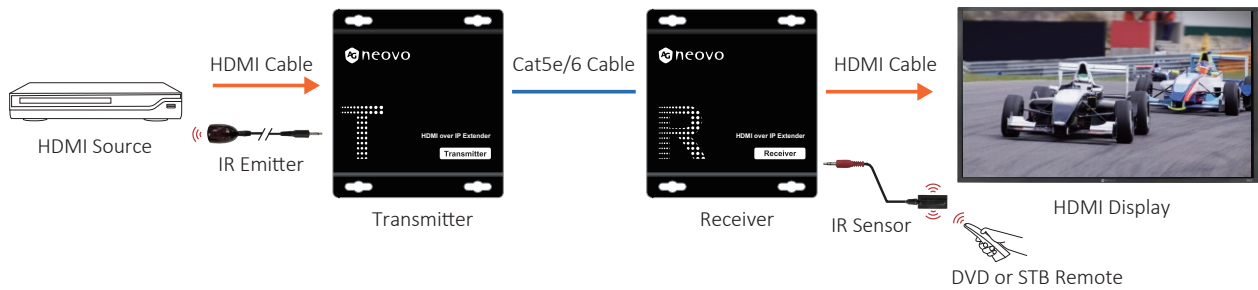
The HDMI over IP extenders allow HDMI equipment to be connected up to 120 meters (400 ft) away with a single Cat5e/6 cable in a point-to-point configuration. Point-to-multipoint and multipoint-to-multipoint configurations are also supported by connecting several transmitters and receivers to the same network.

- > Extends 1080p HDMI signals up to 120 m (400 ft) over a single Cat5e/6 cable
- > HDMI 1.2 compliant
- > HDCP compliant
- > Supports TCP/IP protocol
- > Supports up to 1080p resolutions
- > Mounting ears for easy installation
- > Easy-to-use web GUI
- > Supports IR transmission for remote control
- > Supports Point-to-Point, Point-to-Multipoint and Multipoint-to-Multipoint network configurations

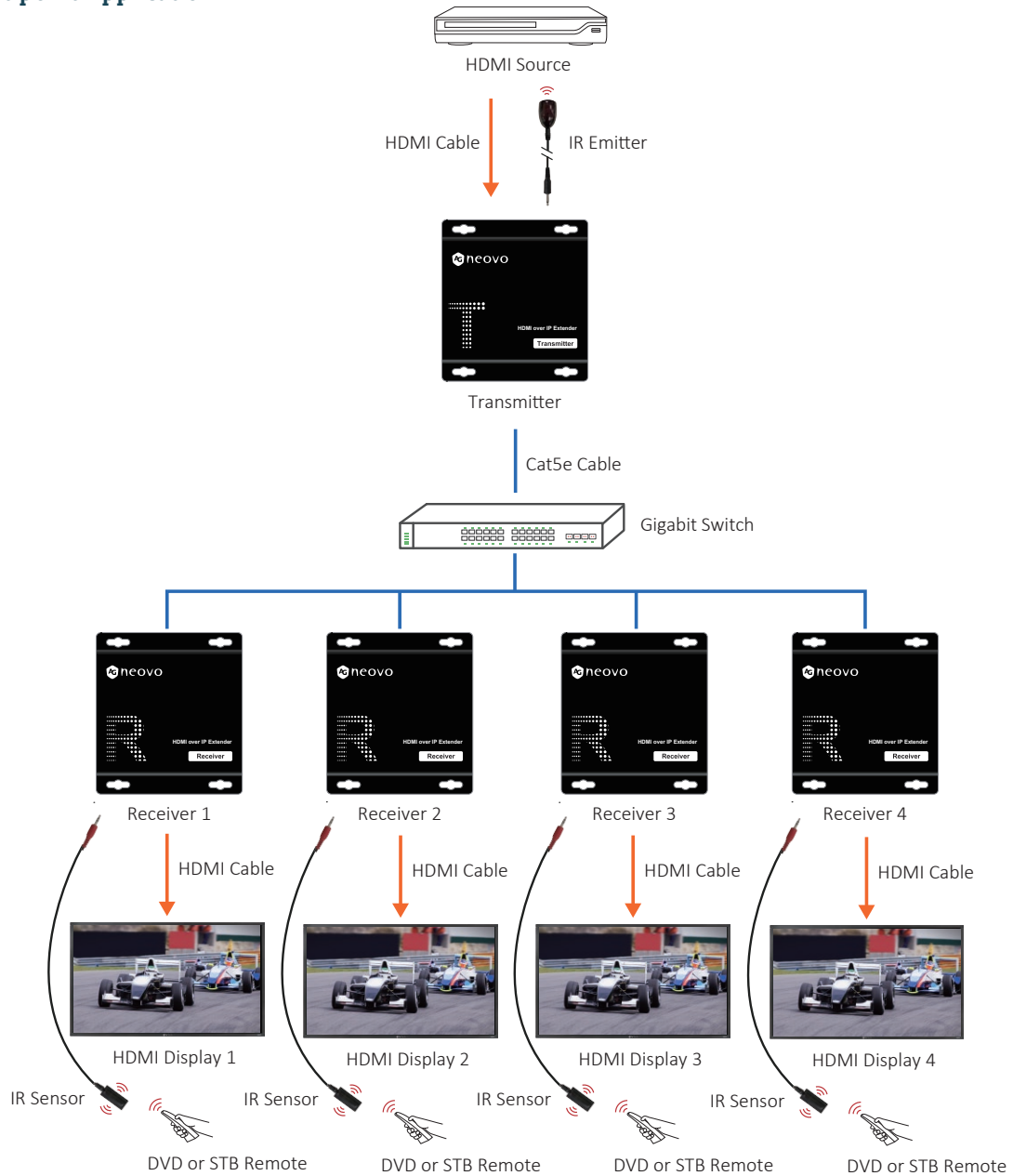
HIP-Series

Application

Point-to-Point Application



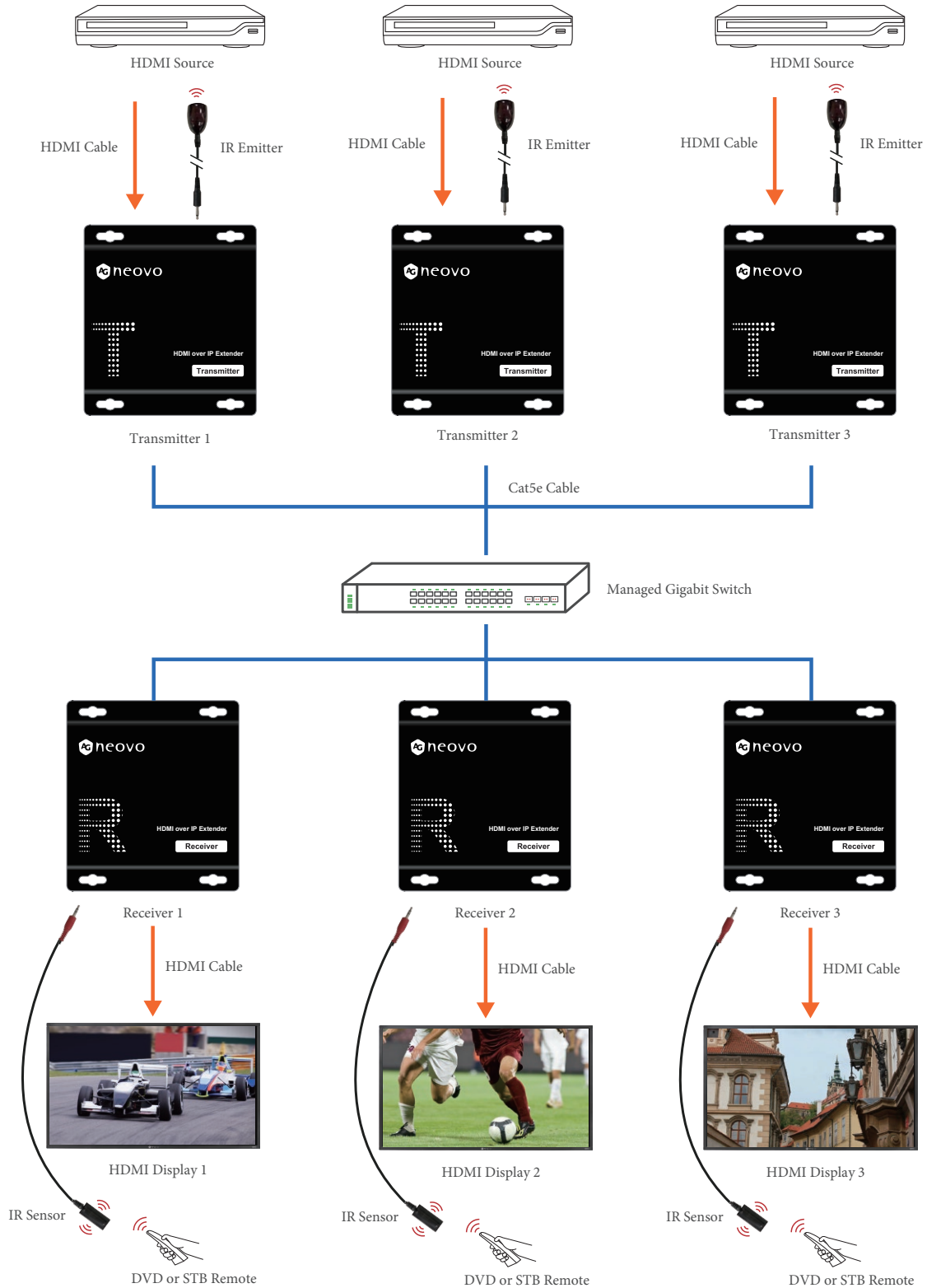
Point-to-Multipoint Application



HIP-Series

Application

Multipoint-to-Multipoint Application



Note: Support for multiple transmitters require a managed network switch with VLAN/IGMP support. Each VLAN acts as a separate HDMI over IP Channel on the network.

HIP-Series

Specifications	HIP-Series	
Units	HIP-TA	HIP-RA
Unit Description	HDMI over IP Transmitter	HDMI over IP Receiver
HDMI Compliance	HDMI 1.2	
HDCP Compliance	Yes	
Maximum Distance	Cat5e/6: 100 m (330 ft) up to 1080p / Cat5e/6: 120 m (400 ft) when used point-to-point without a network switch	
Compression Technology	Motion JPEG compression with very low latency	
Network Bandwidth	Approximately 90 Mbps	
Video Resolutions	480i / 480p / 720p / 1080i / 1080p	
Audio Support	PCM 2.0	
IR Frequency	38-56 kHz	
Input	RJ45 x 1 / HDMI x 1 / IR-TX port x 1	
Output	RJ45 x 1 / HDMI x 1 / IR-RX port x 1	
Dimensions (L x W x H)	103.5 x 93.5 x 24.6 mm	
Weight	220 g	
Power Supply	DC 5V/1A	
Power Consumption	3W Max Each	
Operating Temperature	-5° to 40°C (32° to 104°F)	
Storage Temperature	-20° to 60°C (-4° to 140°F)	
Relative Humidity	5% to 90% RH (non-condensation)	
Package Contents	HIP-TA: HIP Transmitter x 1 / Power Adapter x 1 / IR-TX Cable x 1 / User Manual x 1 HIP-RA: HIP Receiver x 1 / Power Adapter x 1 / IR-RX Cable x 1 / User Manual x 1	