38155

4 PORT 4K30 HDMI & IR CAT.6 EXTENDER SPLITTER, 70M

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This Cat.6 4-Port HDMI® & IR Extender Splitter transmits an HDMI® signal up to 70 m and distributes it to up to 4 monitors. A Cat.6 U/UTP network cable of the desired length is required for each monitor (not included). Additionally, it can carry the IR remote signal (20–60 kHz).

It supports resolutions up to 4K30, including 1080p 3D. This splitter integrates seamlessly into many AV and Digital Signage applications for home, commercial, retail, and public environments. The additional HDMI® output on the transmitter allows connection of a local monitoring display or the creation of another branch for an additional set of monitors. In larger installations, this port can be used to cascade up to 3 more transmitters, supporting a total of up to 12 monitors. It also features EDID data cloning from one of the connected monitors. An integrated system allows selection from various preset EDIDs already stored on the device.

The PoC (Power over Cat.6) function enables a single power supply to be connected to the transmitter, greatly simplifying the installation of receivers, which do not require an external power source. The included power supply features a screw-lock connector for a secure and reliable connection, ideal for applications where accidental disconnections might occur. The ultra-flat design combined with mounting brackets allows installers to position and secure the units even in very tight spaces.

HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade Dress, and the HDMI logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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PRODUCT DETAILS

KEY FEATURES

- Splitter with integrated Extenders to distribute HDMI® & IR signals to 4 screens up to 70 m
- Supports resolutions up to 3840×2160 @30Hz, 4:4:4, 8-bit, including Full HD
- Additional HDMI® output on the transmitter for local monitoring or cascading
- Power over Cat.6 (PoC) support, requiring only one power supply
- 2-year warranty

SPECIFICATIONS

AV Interface	HDMI®
Interface Standard	1.4
Supported Bandwidth	10.2 Gbps
Maximum Distance	70 m (229.66 ft) at 1920×1080 @60Hz; 40 m (131.23 ft) at 3840×2160 @30Hz, 4:4:4, 8-bit
Maximum Resolution	3840×2160 @30Hz, 4:4:4, 8-bit
HDCP Support	HDCP 1.4
EDID Pass-Through	Preset, Copy function
Audio	Up to 7.1 (Pass-through)
IR Support	20–60 kHz
Transmission Medium	1 × Cat.6 (for receiver)
Special Features	PoC (Power over Cable)
Transmitter Inputs	HDMI® (Female)

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Transmitter Outputs	4 × RJ45 (Female), HDMI® (Female), IR (Female)
Receiver Inputs	RJ45 (Female), IR (Female)
Receiver Outputs	HDMI® (Female)
Power Input	DC 5.5/2.1 mm socket
Dimensions (W×D×H)	Transmitter
Material	Metal
Net Weight	Transmitter
Operating Temperature	0°C – 40°C (32°F – 104°F)
Storage Temperature	-20°C – 60°C (-4°F – 140°F)
Humidity	20–90% RH (non-condensing)
Power Consumption	12V DC, 3A
Color	Black
Unit	Transmitter Splitter Unit and 4× Receivers

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