



Powering and Connecting Your World

HDMI over Cat6 Extenders for Medical Environments

Extend Video Near Sensitive Electronics without Interference



Model: B127M-101-H

B127M extenders are ideal for digital signage and other audio/video applications in healthcare facilities.

Perfect for:

Hospitals, rehabilitation centers, senior care facilities and other locations with strict requirements for EMI, RFI and ESD levels.

Tripp Lite's B127M-series extenders safely transmit audio/video signals in healthcare environments and other locations with sensitive electronics that may be affected by electromagnetic interference (EMI), radio frequency interference (RFI) and electrostatic discharge (ESD).

The extenders transmit 4K HDMI signals from a source device over shielded Cat6 cable to monitors, televisions or projectors without interfering with the operation of nearby electronics. The signals can travel up to 230 feet without a booster.

Choose the extender kit to send video to a single display. To transmit video to multiple displays, choose the splitter and up to four receivers.

Key Benefits

SUITABILITY FOR MEDICAL ENVIRONMENTS

- Extenders meet strict standards for EMI, RFI and ESD levels: CISPR 11 Group 1 Class A EMI/RFI, IEC 61000-4-2 (ESD) Test Level 4 (8 kV Contact, 15 kV Air) and IEC 60601-1-2.

HIGH-RESOLUTION VIDEO

- Extenders support video resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz as specified in HDMI 2.0.
- Extenders support 4:4:4 color, HDR, HDCP 2.2 and 7.1-channel surround sound.
- Multi-resolution support allows each connected display to function at its highest resolution.

LONG-DISTANCE VIDEO TRANSMISSION

- Extenders transmit 4K/60 Hz HDMI signals up to 230 ft.
- Signals travel via shielded Cat6 cabling, which can easily pass through conduit to meet building codes.

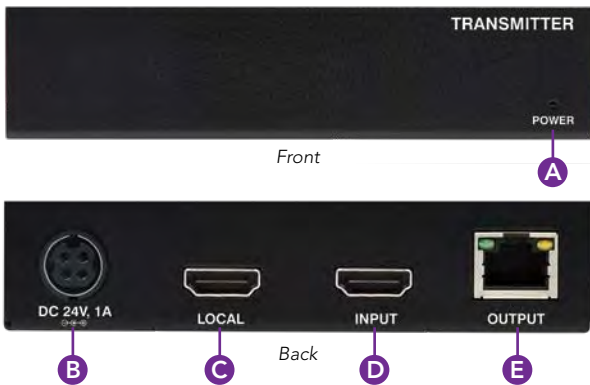
POWER OVER CABLE (PoC) CONVENIENCE

- Power travels from the transmitter/splitter via shielded Cat6 cable, eliminating the need for an extra outlet at the receiver end of an installation.
- PoC provides flexible placement options for receivers.

Feature Focus

Transmitter

Model: B127M-101-H (Extender Kit)



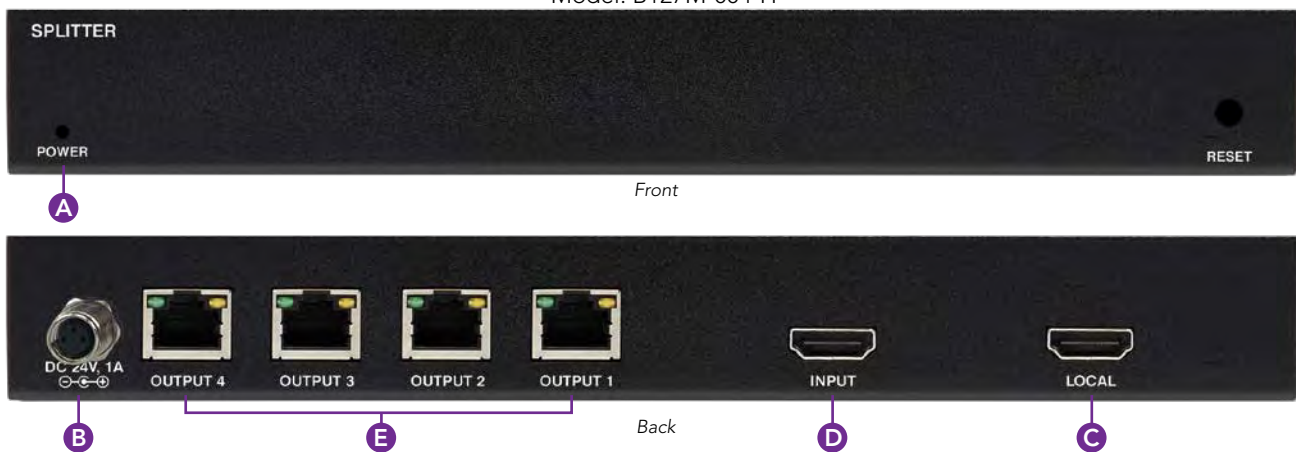
Receiver

Models: B127M-101-H (Extender Kit);
B127M-100-H (Receiver Only)



4-Port Splitter

Model: B127M-004-H



- A** Power LED
- B** Input for External Power Supply (Included)
- C** HDMI Output for Local Display
- D** HDMI Input for Source Device
- E** Cat6 Output(s) (RJ45)
- F** HDMI Output for Remote Display
- G** Cat6 Input (RJ45)

Not Shown: Brackets for mounting units to a wall, rack or pole.



SPECIFICATIONS

Model	B127M-101-H	B127M-004-H	B127M-100-H
Product Type	Extender Kit (Tx/Rx)	4-Port Splitter	Receiver
Max. Resolution	3840 x 2160 at 60 Hz	3840 x 2160 at 60 Hz	3840 x 2160 at 60 Hz
Max. Distance (between units)	230 ft.	230 ft.	230 ft.
Video Input Port*	Tx: HDMI	HDMI	—
Video Output Port*	Tx: HDMI (Local); Rx: HDMI	HDMI (Local)	HDMI
Cat6 Input	Rx: RJ45	—	RJ45
Cat6 Output	Tx: RJ45	4 RJ45	—
External Power Supply with 4.5 ft. Cord (Included)	Input: 100-240V, 50/60 Hz, 0.6A; Output: 24A, 1A	Input: 100-240V, 50/60 Hz, 0.6A; Output: 24A, 1A	—
AC Plug Adapters (Included)	North America, Europe, U.K. and Australia	North America, Europe, U.K. and Australia	—
Unit Dimensions, H x W x D	1.06 x 4.53 x 2.46 in. (2.7 x 11.5 x 6.2 cm)	1.17 x 9.25 x 3.94 in. (2.97 x 23.5 x 10 cm)	1.06 x 4.53 x 2.46 in. (2.7 x 11.5 x 6.2 cm)
Unit Weight	Tx: 1 lb. (0.45 kg); Rx: 1 lb. (0.45 kg)	1.4 lb. (0.64 kg)	1 lb. (0.45 kg)
Standards	CISPR 11 Group 1 Class A EMI/RFI, IEC 61000-4-2 (ESD) Test Level 4 (8 kV Contact, 15 kV Air) and IEC 60601-1-2		

All models have a one-year limited warranty. *Also compatible with DVI. DVI connections require HDMI-to-DVI adapters and support video only.

Learn more about Tripp Lite's full line of AV extenders at triplite.com.



Manufacturing Excellence.



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