1-Port HDMI over Cat6 Receiver, Pigtail - 4K 60 Hz, HDR, 4:4:4, PoC, HDCP 2.2, 230 ft. (70.1 m), TAA

MODEL NUMBER: **B127A-1P0-PH**

Works with a Tripp Lite B127A-Series transmitter, switch or splitter to extend 4K video 230 ft. to an HDMI display via Cat6 cable.

Features

HDMI Pigtail Receiver Ideal for Digital Signage in Schools and Workplaces
This 4K receiver is recommended for video presentations in conference rooms, schools, trade shows, meeting facilities, houses of worship, retail settings, hotels and other digital signage applications where the source and display are farther apart than conventional A/V cables allow.

Extends a 4K A/V Transmission up to 230 ft….or Even Farther
The B127A-1P0-PH connects to a Tripp Lite B127A-Series transmitter, switch or splitter to extend 4K signals from an HDMI source to an HDMI display up to 230 feet (70.1 meters) away via user-supplied Cat6 cabling. By adding a Tripp Lite B127A-010-H signal repeater (sold separately) to the application, you can extend the signal up to 400 feet (121.9 meters).

Supports Crystal-Clear 4K Video with Multi-Channel Audio, HDR and 4:4:4 Color
The B127A-1P0-PH supports Ultra HD resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz with 7.1-channel surround sound audio. High Dynamic Range (HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. Advanced 4:4:4 chroma subsampling is ideal for top-level PC gaming or using your HDTV as a PC monitor. This receiver also features built-in equalization control and auto EDID image adjustment.

Built-In PoC Technology Provides Receiver Power to Avoid Bulky External Power Bricks
Power over Cable (PoC) technology powers the B127A-1P0-PH over Cat6 cable. LEDs indicate when the system is receiving power and a signal is being transmitted. PoC lets you avoid the hassle of a bulky power brick and gives you the freedom to place the receiver where needed without worrying about finding a nearby AC outlet.

Plug-and-Play Operation for Quick Setup and Immediate Use
The receiver works right out of the package with no software required. Connect the receiver to a transmitter, switch or splitter with user-supplied Cat6 cable (such as Tripp Lite's N202-Series). The pigtail HDMI connector plugs directly into a 4K display.

Highlights

- Supports 4K @ 60 Hz video resolutions (4:4:4) as specified in HDMI 2.0
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Combines with optional B127A-010-H repeater to extend signal to 400 ft.
- Power over Cable (PoC) technology provides power to the receiver via Cat6 cable
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

- Extend video signals from one room to another using Cat6 cable, which can pass through conduit to meet building codes
- Gain flexibility in where the display is placed, with the freedom to move and relocate it up to 230 ft. from the transmitter
- Improve the line of sight for digital signage in a hotel, restaurant, theater, house of worship, trade show or other location

System Requirements

- Source device with HDMI output (Blu-ray player, cable box, laptop)
- Display device with HDMI input (HDTV, projector, monitor)
- Tripp Lite B127A-Series transmitter, switch or splitter

Package Includes

- B127A-1P0-PH 1-Port HDMI over Cat6 Receiver
- Owner's manual

TAA-Compliant for GSA Schedule Purchases
The B127A-1P0-PH is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332263322
Product Type	Pigtail Receiver
Technology	Cat5/5e; Cat6; HDMI; POC

VIDEO	
Video Input	RJ45 (FEMALE)
Video Output	HDMI (MALE)
Number of Monitors Supported	1
Video Ports	HDMI (MALE)
Video Ports Details	HDMI 2.0; HDCP 2.2
Resolutions Supported	3840 x 2160 (4K x 2K) @ 60 Hz
Max Supported Video Resolution	3840 x 2160 (4K x 2K) @ 60 Hz
Max 1280 x 720 (720p) Range (ft)	230
Max 1920 x 1080 (1080p) Range (ft)	230
Max 1920 x 1200 Range (ft)	230
Max 2560 x 1600 Range (ft)	230
Max 3840 x 2160 (4K@30Hz) Range (ft)	230
Max 3840 x 2160 (4K@60Hz) Range (ft)	230
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Signal Range (ft)	230
Signal Range (m)	70
Range Extension using other Tripp Lite product	400 ft.
Recommended Cabling	Solid Wire 24AWG Cat6 Cabling (Tripp Lite N202-Series)
Extended Mode	Yes
Extended Mode Details	x1 HDMI Output (4K/60 Hz)
Mirror Mode	Yes
Mirror Mode Details	x1 HDMI Output (4K/60 Hz)

Other Tripp Lite product used to extend range	B127A-010-H Signal Booster
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	230
Maximum Signal Range (m)	70

AUDIO

Audio Ports	HDMI (FEMALE)
Audio Ports Details	x1 HDMI Output supports pass-through audio formats including LPCM 2.0/5.1/7.1
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	Supports pass-through of Audio format includes LPCM2.0/5.1/7.1

INPUT

Built-In Cable Length (ft.)	1
Built-In Cable Length (in.)	12
Built-In Cable Length (cm)	30.5
Bus Powered	No

POWER

Power Source Type	AC Adapter
AC Plug Type	AS/NZS 3112; BS1363; CEE 7/16 Schuko; NEMA 1-15P
Power Source	Transmitter end only (Optional)
Power Over Cable (PoC) Support	Yes
Receiver Power Source	Power Over Cable

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	RJ45: Green (1) = Power, Orange (1) = Data transferring

PHYSICAL

Material of Construction	Plastic
Color	Black; Gray
Included Mounting Accessories	No
Number of Displays	1
Form Factor/Mounting Options	Pigtail

Rackmountable	No
Shipping Dimensions (hwd / cm)	4.39 x 19.99 x 14.20
Shipping Dimensions (hwd / in.)	1.73 x 7.87 x 5.59
Shipping Weight (kg)	0.16
Shipping Weight (lbs.)	0.35
Unit Dimensions (hwd / in.)	0.732 / 1.850 / 2.95
Unit Dimensions (hwd / cm)	18.6 / 47 / 75
Unit Packaging Type	Box
Unit Weight (lbs.)	1
Unit Weight (kg)	0.45

ENVIRONMENTAL

Operating Temperature Range	32 to 104F (0 to 40C)
Storage Temperature Range	5 to 122F (-15 to 50C)
Relative Humidity	0 to 85% RH, Non Condensing

COMMUNICATIONS

Signal Range (ft.)	230
Signal Range (m)	70
Transmission Distance	230 ft (Standard); 400 ft. (with B127A-010-H booster)
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No
Latency	Zero Latency
USB Extension Support	No

CONNECTIONS

Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	HDMI (MALE)

FEATURES & SPECIFICATIONS

HDCP Specification	1.4; 2.2
Driver Required	No
Recommended Category Cable	24AWG Cat6
All-in-One Kit	No

DIN Mountable	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No
Multi-Resolution Support	Yes
Built-In Equalizer	Yes

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)

WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty