Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Signal Repeater for B127A Extenders, Over Cat6, 4K 60Hz, HDR, 4:4:4, PoC, HDCP 2.2, 400 ft., TAA

MODEL NUMBER: **B127A-010-H**



Extends a 4K signal via Cat6 cable from a Tripp Lite B127A-Series transmitter and extends it to a transceiver up to 400 ft. away.

Features

HDMI Repeater Ideal for Extending 4K Digital Signage Video in Schools and Restaurants
This remote repeater 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. The B127A-010-H connects between a transmitter and transceiver to extend 4K signals up to 400 feet (120 meters) via user-supplied Cat6 cabling.

Boosts Signal Distance in a Daisy-Chain Installation
This signal booster joins Tripp Lite's B127A-111-BHTH extender kit and B127A-110-BH transceivers to create daisy chains. Insert the B127A-010-H between the transmitter and the first transceiver in the chain to extend the first link up to 400 feet. When the booster is used with the maximum four transceivers, the installation can reach 1,090 feet (332 meters) from the transmitter to the last transceiver in the chain.
***Note**: B127A-010-H will only work when used in the first link of the daisy-chain installation.*

Works with All Tripp Lite B127A-Series Models
The B127A-010-H boosts the 4K audio/video signals in any application using a B127A model, including HDMI, DisplayPort and USB-C applications. When used with HDMI models, it supports 3840 x 2160 (4K x 2K) resolutions at 60 Hz, as specified by HDMI 2.0, with 4:4:4 chroma subsampling. 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. When used with DisplayPort or USB-C models, it supports 3840 x 2160 at 60 Hz, DisplayPort 1.2 and 4:4:4 color.

Built-In PoC Technology Provides Transceiver Power to Avoid Bulky External Power Bricks
Power over Cable (PoC) technology powers the repeater over Cat6 cable. PoC lets you avoid the hassle of a bulky power brick and gives you the freedom to place the repeater where needed without worrying about finding a nearby AC outlet.

Plug-and-Play Operation for Quick Setup and Immediate Use
The repeater works right out of the box with no software or external power required. Use Cat6 patch cable (such as Tripp Lite's N202-Series) to connect its RJ45 ports to both the transmitter and transceiver.

Highlights

- Compatible with all B127A-Series HDMI, DisplayPort and USB-C models
- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear video
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Power over Cable (PoC) technology provides power to the repeater via Cat6 cable
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

- Boost the distance of a Tripp Lite B127A-Series extender/receiver kit to a total of 400 ft. (120 m) when additional signal distance is required
- Extend video signals from one room to another using Cat6 cable, which can pass through conduit to meet building codes
- 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)
- Tripp Lite B127A-Series transmitter, transceiver and/or extender kit

Package Includes

- B127A-010-H HDMI Repeater
- Owner's manual

Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

TAA-Compliant for GSA Schedule Purchases
The B127A-010-H 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	037332261342
Product Type	Signal Booster
Technology	Cat6; HDMI
VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Max Supported Video Resolution	3840 x 2160 @ 60 Hz (4K x 2K)
Max. Distance (Between any 2 Units)	Transmitter and Receiver (1 to 1) = 400 ft.
Max Number of Ports (Entire Chain)	1
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)	400
Maximum Signal Range (m)	122
INPUT	
Bus Powered	No
POWER	
Power Over Cable (PoC) Support	Yes
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green = Power
PHYSICAL	
Material of Construction	Plastic (PC)
Color	Black
Unit Dimensions (hwd / in.)	0.59 x 1.02 x 2.36
Unit Dimensions (hwd / mm)	15 x 26 x 60

Unit Packaging Type	Box
Unit Weight (lbs.)	0.17
Unit Weight (kg)	0.08
ENVIRONMENTAL	
Operating Temperature Range	32 to 104° F (0 to 40° C)
Storage Temperature Range	5 to 122° F (-15 to 50° C)
Relative Humidity	0 to 85% RH, Non-Condensing
COMMUNICATIONS	
Signal Range (ft.)	400
Signal Range (m)	122
Transmission Distance	400 ft. (120 m)
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No
CONNECTIONS	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
FEATURES & SPECIFICATIONS	
Displayport Specification	1.2
HDCP Specification	1.4; 2.2
Driver Required	No
Recommended Category Cable	Cat6
DIN Mountable	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No
Multi-Resolution Support	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)

Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

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

© 2022 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: https://www.tripplite.com/products/product-certification-agencies