

DisplayPort Signal Booster / Extender - 1080p 60Hz, Up to 150 ft. (45 m), (DP F/F), TAA

MODEL NUMBER: B121-000



Extend a DisplayPort audio/video signal up to 150 ft. from the video source.

Description

Tripp Lite's B121-000 DisplayPort Signal Extender increases the distance a Displayport signal can be transmitted beyond the recommended 16-ft. (4.88 m). It supports computer video resolutions up to 1920 x 1200 @ 60Hz, and HD resolutions up to 1080p @ 60Hz, as well as a maximum distance of 150-ft. (45.72 m) from the source. Use P580-Series Displayport cables in most applications. When extending a 1920 x 1200 @ 60Hz (or 1080p @ 60Hz) video signal more than 100-ft. (30.5 m), use cable made with 24Awg wiring. (Available from Tripp Lite as a custom order) Simply connect the longer cable between the source and the B121-000, and the shorter cable (16-ft. (4.88 m) or less) between the adapter and the monitor. Software or drivers are not required. Built-in Equalization control to adjust the video image. HDCP compliant. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

- Extend a Displayport signal up to 150-ft. (45.72 m) from the source
- Supports computer video resolutions up to 1920 x 1200 @ 60Hz, and HD resolutions up to 1080p @ 60Hz
- Use P580-Series Displayport Cables
- When extending a 1920x1200 @ 60Hz (or 1080p @ 60Hz) video signal more than 100-ft. (30.5 m), use a cable made with 24Awg wiring (Available from Tripp Lite as a custom order)
- Built-in Equalization control to adjust the video image
- HDCP compliant
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

Highlights

- Supports computer video resolutions up to 1920 x 1200 and HD resolutions up to 1080p
- When extending a 1920 x 1200 @ 60 Hz signal more than 100-ft. (30.5 m), use cable made with 24 AWG wiring
- Built-in equalization control to adjust the video image
- DisplayPort v1.1a compliant
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

System Requirements

- DisplayPort-equipped computer
- DisplayPort-equipped monitor
- For audio support, you must have a DisplayPort source that supports audio and which has it enabled

Package Includes

- B121-000 DisplayPort Signal Extender
- External power supply with 5-ft. (1.52 m) cord and NEMA 1-15P plug (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V 2A)
- Screwdriver for equalization adjustment
- Owner's manual



OVERVIEW	
UPC Code	037332175502
Product Type	Signal Booster
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
Technology	DisplayPort
VIDEO	
Video Input	DISPLAYPORT (FEMALE)
Video Output	DISPLAYPORT (FEMALE)
Max Supported Video Resolution	1920x1080 (1080p @ 60Hz)
Max 720P Range (ft)	150
Max 1080P Range (ft)	150
Max 1280 x 720 (720p) Range (ft)	150
Max 1920 x 1080 (1080p) Range (ft)	150
Recommended Cabling	P580-Series Displayport Cables
Max Supported Color Depth	24-bit True Color
HDR Support	No
3D Video Supported	Yes
Maximum Signal Range (ft)	150
Maximum Signal Range (m)	46
AUDIO	
Audio Input	Displayport
Audio Output	Displayport
POWER	
Power Source	Unit (Included)
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P
External Power Supply Input Specs (V / Hz / A)	100-240V / 50-60Hz / 0.35A
External Power Supply Output Specs (V / A)	5V/2A
External Power Supply Cord Length (ft.)	4.5
External Power Supply Cord Length (m.)	1.38



External Power Supply DC Barrel Connector Specs	OD: 5.5 x 2.1 x 9.5mm, Positive Pin, Negative Sleeve
External Power Supply Certifications	FCC; WEEE; UL; cUL
Power Over Cable (PoC) Support	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green LED indicates that the power supply is connected and the unit is getting the power. Orange LED indicates when the S/L Equalization switch is in the L position. No Orange LED indicates when the S/L Equalization switch is in the S position.
PHYSICAL	
Color	Black
Number of Displays	1
Form Factor/Mounting Options	Box
Shipping Dimensions (hwd / cm)	15.24 x 5.72 x 18.29
Shipping Dimensions (hwd / in.)	6.00 x 2.25 x 7.20
Shipping Weight (kg)	0.27
Shipping Weight (lbs.)	0.60
Unit Dimensions (hwd / in.)	2.4 x 2.04 x 0.94
Unit Packaging Type	Box
Unit Weight (kg)	0.05
Unit Weight (lbs.)	0.1
Housing	Plastic
ENVIRONMENTAL	
Operating Temperature Range	32 to 104°F (0 to 40°C)
Storage Temperature Range	14 to 158 F (-10 to 70 C)
Relative Humidity	0% to 85%, Non-Condensing
COMMUNICATIONS	
Max 1024 x 768 Range (ft)	150
Max 480P Range (ft)	152
Max 1440 x 900 Range (ft)	150
Max 1080i Range (ft)	150
Max 480i Range (ft)	152
Max 640 x 480 Range (ft)	150
Max 800 x 600 Range (ft)	150
Max 1600 x 1200 Range (ft)	150



IR Remote Extension Support	No
RS-232 Serial Extension Support	No
USB Extension Support	No
CONNECTIONS	
Ports	1
Side A - Connector 1	DISPLAYPORT (FEMALE)
Side B - Connector 1	DISPLAYPORT (FEMALE)
FEATURES & SPECIFICATIONS	
Displayport Specification	1.1a
Driver Required	No
Built-In Equalizer	Yes
STANDARDS & COMPLIANCE	
Certifications	Tested to CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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