

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

OVERVIEW	
UPC Code	037332175502
Product Type	Signal Booster

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



Technology	DisplayPort
Host Connector	DISPLAYPORT (FEMALE)
VIDEO	
Video Input	DISPLAYPORT (FEMALE)
Video Output	DISPLAYPORT (FEMALE)
Resolutions Supported	Extend a 1080p @ 60Hz signal up to 150 ft
Supported Resolutions	1920x1080 (1080p)
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
Signal Range (ft)	150
Signal Range (m)	45
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
Maximum Signal Range Details	Extend a 1080p @ 60Hz signal up to 150 ft
AUDIO	
Audio Input	Displayport
Audio Output	Displayport
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Bus Powered	No
Product Length (in.)	2.4
Product Length (cm.)	6.1
Product Length (ft.)	0.2
Product Length (m.)	0.061
POWER	
Power Source Type	AC Adapter



AC Plug Type	NEMA 1-15P
Power Source	Unit (Included)
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
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
DC Barrel Plug	OD: 5.5 x 2.1 x 9.5mm, Positive Pin, Negative Sleeve
External Power Supply Plug(s)	NEMA 1-15P North America
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	
Material of Construction	Plastic
Color	Black
Included Mounting Accessories	No
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 (lbs.)	0.1
Unit Weight (kg)	0.05
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)



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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
EDID Compatible	No
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No
USB Extension Support	No
CONNECTIONS	
Number of Ports	1
Side A - Connector 1	DISPLAYPORT (FEMALE)
Side B - Connector 1	DISPLAYPORT (FEMALE)
FEATURES & SPECIFICATIONS	
Displayport Specification	1.1a
Driver Required	No
10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes
STANDARDS & COMPLIANCE	
Certifications	CE, FCC, RoHS, REACH
External Power Supply Certifications	FCC; WEEE; UL; cUL
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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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>