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

The B121-000 DisplayPort Signal Extender increases the distance a DisplayPort signal can be transmitted beyond the recommended 16 feet (4.9 meters). It supports computer video resolutions up to 1920 x 1200 at 60Hz and HD resolutions up to 1080p at 60 Hz, as well as a maximum distance of 150 feet (45.7 meters) from the source. Use P580-Series DisplayPort cables in most applications. When extending a 1920 x 1200 at 60 Hz (or 1080p at 60 Hz) video signal more than 100 feet (30.5 meters), use cable made with 24 AWG wiring. Simply connect the longer cable between the source and the B121-000, and the shorter cable (16 feet 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. (45.7 m) from the source
- Supports computer video resolutions up to 1920 x 1200 at 60 Hz, and HD resolutions up to 1080p at 60 Hz
- Use P580-Series Displayport Cables
- When extending a 1920x1200 at 60 Hz (or 1080p at 60 Hz) video signal more than 100-ft. (30.5 m), use a cable made with 24 AWG wiring
- Built-in Equalization control to adjust the video image
- HDCP compliant
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

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

Specifications

OVERVIEW	
UPC Code	037332175502
Product Type	Signal Booster
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	1920 x 1080 (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	
AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.35A
AC Power Adapter Output Specs (V / A)	5V / 2A
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.38
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.
DC Barrel Plug	OD: 5.5 x 2.1 x 9.5mm, Positive Pin, Negative Sleeve

CONNECTIONS	
Number of Ports	1
Side A - Connector 1	DISPLAYPORT (FEMALE)
Side B - Connector 1	DISPLAYPORT (FEMALE)
Daisy-chainable / Cascadable	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
Material of Construction	Plastic
Included Mounting Accessories	No
Number of Displays	1
Form Factor/Mounting Options	Box
Shipping Dimensions (hwd / in.)	6.00 x 2.25 x 7.20
Shipping Dimensions (hwd / cm)	15.24 x 5.72 x 18.29
Shipping Weight (lbs.)	0.60
Shipping Weight (kg)	0.27
Unit Dimensions (hwd / in.)	2.400 x 2.040 x 0.940
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)
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

FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes
Displayport Specification	1.1a
Driver Required	No

STANDARDS & COMPLIANCE	
External Power Supply Certifications	FCC; WEEE; UL; cUL
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty