

DVI Signal Booster / Extender, Dual-Link, 2560x1600 60Hz, up to 150 ft. (45 m), (DVI F/F), TAA

MODEL NUMBER: **B120-000**



Description

The B120-000 DVI Dual Link Signal Extender increases the distance a DVI-D signal can be transmitted beyond the recommended 16 feet (4.9 meters). It supports video resolutions up to 2560 x 1600 at 60 Hz and a maximum distance of 150 feet (45.7 meters) from the source. Use P560-Series DVI Dual-Link cables in most applications. When extending a 2560 x 1600 video signal more than 75 feet (22.9 meters), use cable made with 24 AWG wiring. Simply connect the longer cable between the source and the B120-000 and the shorter cable (16 feet) between the adapter and the monitor. Software or drivers are not required. Built-in equalization control to adjust the video image. HDCP and DDC compatible. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

- Extend a DVI-D Dual Link signal up to 150-ft. (45.7 m) from the source
- Supports a maximum video resolution of 2560 x 1600 at 60 Hz
- Use P560-Series DVI Dual-Link cables in most applications
- When extending a 2560 x 1600 video signal more than 75-ft. (22.9 m), use a cable made with 24 AWG wiring
- Built-in Equalization control to adjust the video image
- HDCP and DDC compatible
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332130297
Product Type	Signal Booster
Technology	DVI

Highlights

- Extend a DVI-D Dual Link signal up to 150-ft. (45.72 m) from the source
- Use P560-Series DVI Dual-Link cables in most applications.
- When extending a 2560 x 1600 video signal more than 75-ft. (22.86 m), use cable made with 24Awg wiring
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- B120-000 DVI Dual Link Signal Extender
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A)
- Screwdriver for Equalization adjustment
- Owner's Manual

Host Connector	DVI-I DUAL LINK (FEMALE)
VIDEO	
Video Input	DVI-I DUAL LINK (FEMALE)
Video Output	DVI-I DUAL LINK (FEMALE)
Resolutions Supported	Extend a 2560 x 1600 @ 60Hz signal up to 150 ft. using 24Awg cable; Extend a 2560 x 1600 @ 60Hz signal up to 100 ft. using 28Awg cable
Supported Resolutions	2560x1600
Max Supported Video Resolution	2560 x 1600 @ 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
Max 1920 x 1200 Range (ft)	150
Max 2560 x 1600 Range (ft)	150
Signal Range (ft)	150
Signal Range (m)	45
Recommended Cabling	P560-Series
HDR Support	No
3D Video Supported	Yes
Maximum Signal Range (ft)	150
Maximum Signal Range (m)	46
Maximum Signal Range Details	150 ft via 24 AWG Cable 100 ft via 28 AWG Cable
INPUT	
AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.5A
AC Power Adapter Output Specs (V / A)	5V / 2A
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.4
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
DC Barrel Plug	OD: 5.5 x 2.1 x 12mm, Positive Pin, Negative Sleeve
PHYSICAL	
Color	Black
Material of Construction	Plastic
Number of Displays	1
Form Factor/Mounting Options	Box
Shipping Dimensions (hwd / in.)	7.00 x 6.40 x 2.20
Shipping Dimensions (hwd / cm)	17.78 x 16.26 x 5.59
Shipping Weight (lbs.)	0.53
Shipping Weight (kg)	0.24
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)	150
Max 1440 x 900 Range (ft)	150
Max 1080i Range (ft)	150
Max 1920 x 1440 Range (ft)	150
Max 480i Range (ft)	150

Max 640 x 480 Range (ft)	150
Max 800 x 600 Range (ft)	150
Max 1600 x 1200 Range (ft)	150
Max 2048 x 1536 Range (ft)	150
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No
CONNECTIONS	
Number of Ports	2
Side A - Connector 1	DVI-I DUAL LINK (FEMALE)
Side B - Connector 1	DVI-I DUAL LINK (FEMALE)
Daisy-chainable / Cascadable	No
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes
Driver Required	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	FCC; PSE; TUV; UL; cUL
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty