

Specifications



Eaton B127A-111-BDTDA

DisplayPort over Cat6 Transmitter and Receiver with Repeater Kit, 4K/60Hz 4:4:4, up to 230ft (70M), with Power over Cable.

General specifications

PRODUCT NAME	Tripp Lite by Eaton Audio Video Extender-Transceiver
CATALOG NUMBER	B127A-111-BDTDA
UPC	037332288066
PRODUCT LENGTH/DEPTH	6.46 in
PRODUCT HEIGHT	2.17 in
PRODUCT WIDTH	10.24 in
PRODUCT WEIGHT	0.55 lb
WARRANTY	1 year limited
COMPLIANCES	REACH CE Marked WEEE Directive FCC Compliant TAA Compliant RoHS UKCA
CERTIFICATIONS	UL Listed NOM EN 55032 cUL Listed EN 55035
GLOBAL CATALOG	B127A-111-BDTDA
PRODUCT TYPE	Extender-Transceiver

Product specifications

TYPE	Extender Kit
AC POWER ADAPTER PLUG(S)	BS 1363 UK NEMA 1-15P North America CEE 7/16 Schuko AS/NZS 3112 Australia
AUDIO INPUT	Displayport
COLOR	Black
AUDIO OUTPUT	DisplayPort
PACKAGE CONTENTS	Transmitter (4) International plug adapters (North America, Europe, U.K. and Australia) Owner's manual Transceiver External power supply (Input: 100–240V, 50/60 Hz, 0.6A; Output: 24V 1A) with 4.5 ft. (1.4 m) cord Mounting hardware
SYSTEM REQUIREMENTS	Source device with DisplayPort output (media server, laptop) Display device with DisplayPort input (HDTV, projector, monitor)
PRODUCT FEATURES	3D Video Supported Mirror Mode All-in-One Kit Daisy-chainable / Cascadable Daisychain (up to 4 links) EDID Compatible Extended Mode Power Over Cable (PoC) Support TAA Compliant Built-In Equalizer Consumer Electronics Control (CEC) Supported Mounting Accessory Included Range Extension with Booster
COLOR DEPTH	36-bit Deep color 36-bit Deep Color
PRODUCT HIGHLIGHTS	1-year limited warranty (Worldwide) Can be daisy-chained up to 4 times (920 ft. total) via additional B127A-110-BD receivers Plug-and-play operation

Resources

	with no software required for easy, immediate installation Power over Cable (PoC) technology provides power to either unit via Cat6 cable Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) with multi-channel audio
MOUNTING LOCATION	Wall
PACKAGING TYPE	Box
CHROMA SUB SAMPLING	4:4:4
EXTERNAL POWER SUPPLY CERTIFICATIONS	UL CE TUV GS CCC cUL
POWER SOURCE TYPE	AC Adapter
HDCP SPECIFICATION	1.4
SIDEA CONNECTOR1	DISPLAYPORT (FEMALE)
SIDEB CONNECTOR1	RJ45 (FEMALE) HDMI (FEMALE)
SIDEA CONNECTOR2	HDMI (FEMALE)
SIDEB CONNECTOR2	DISPLAYPORT (FEMALE)
SIDEA CONNECTOR3	RJ45 (FEMALE)
SIDEB CONNECTOR3	TOSLINK (FEMALE) RJ45 (FEMALE)
DISPLAYPORT SPECIFICATION	1.2a
VOLTAGE COMPATIBILITY (VAC)	100 VAC 110 VAC 120 VAC 125 VAC 127 VAC 200 VAC 208 VAC 220 VAC 230 VAC 240
HOST CONNECTOR	HDMI (FEMALE)
TECHNOLOGY	POC HDMI Cat5/5e DisplayPort Cat6
OPERATING TEMPERATURE RANGE	32° to 104°F (0° to 40°C)

RELATIVE HUMIDITY	0-85% non-condensing
STORAGE TEMPERATURE	5° to 122°F (-15° to 50°C)
TRANSMISSION RANGE	230 ft. (70 m)
LED INDICATORS	Transmitter: (1) Power = Green, (1) RJ45 Port = Green (Power), (1) Orange; Receiver: (1) Power = Green; (2) RJ45 Ports = Green (Power), Orange
MATERIAL OF CONSTRUCTION	Metal
NUMBER OF MONITORS	1
RECOMMENDED CATEGORY CABLE	24AWG Cat6
MAXIMUM SIGNAL RANGE	230 ft
OPERATING TEMPERATURE	32° to 104°F (0° to 40°C)
SIGNAL RANGE	230 ft
TAA COMPLIANCE	Yes
SUPPORTED RESOLUTION	3840x2160 (4K)
FITTINGS INCLUDED	Mounting Accessory Included
VIDEO INPUT	DISPLAYPORT (FEMALE)
VIDEO OUTPUT	DISPLAYPORT (FEMALE) HDMI (FEMALE)
VIDEO PORTS	DISPLAYPORT (FEMALE) HDMI (FEMALE)
MAX SUPPORTED VIDEO RESOLUTION	4K (3840 x 2160) 60 Hz
MAX. DISTANCE (BETWEEN ANY 2 UNITS)	230 ft
TRANSMITTER - LOCAL DISPLAY OUTPUT	HDMI
RECEIVER/TRANSCEIVER VIDEO OUTPUT	DisplayPort
RECEIVER - NUMBER OF VIDEO OUTPUTS	1
AUDIO SPECIFICATION	Pass-through of Audio format includes LPCM2.0/5.1/7.1
AC POWER ADAPTER INPUT SPECS (V / HZ / A)	100-240V / 50/60hz / 0.6A
AC POWER ADAPTER OUTPUT SPECS (V / A)	24V/1A
VIDEO PORTS DETAILS	HDCP 1.4 HDCP 2.2 DisplayPort 1.2a

RANGE EXTENSION USING OTHER TRIPP LITE PRODUCT	230 ft.
DAISY-CHAINABLE / CASCADABLE DETAILS	Up to 4 Units
MOUNTING DETAILS	Surface mounting brackets
HOUSING	Metal
LATENCY	Zero Latency
MAX NUMBER OF PORTS (ENTIRE CHAIN)	4
MAXIMUM DISTANCE WITH BOOSTER	400
TRANSMITTER - NUMBER OF VIDEO OUTPUTS	2
AC POWER ADAPTER CORD LENGTH	4.53 ft
NUMBER OF DISPLAYS	2
RECOMMENDED CABLING	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
EXTENDED MODE DETAILS	Can be daisy-chained up to four lengths with each additional B127A-110-BD transceiver unit featuring x1 4K/30 Hz DisplayPort output
MIRROR MODE DETAILS	Can be daisy-chained up to four lengths with each additional B127A-110-BD transceiver unit featuring x1 4K/30 Hz DisplayPort output
RESOLUTIONS SUPPORTED	DisplayPort Output and Local HDMI Output: 3840 x 2160 (4K) @ 60 Hz
MAX 720P RANGE (FT)	230 ft
MAX 1080P RANGE (FT)	230 ft
MAX 1024 X 768 RANGE (FT)	230 ft
MAX 480P RANGE (FT)	230 ft
MAX 480I RANGE (FT)	230 ft
MAX 4K UHD RANGE (FT)	230 ft
MAX 1080I RANGE (FT)	230 ft
MAX 1280 X 720 (720P) RANGE (FT)	230
MAX 2560 X 1600 RANGE (FT)	230
MAX 1920 X 1080 (1080P) RANGE (FT)	230
MAX 1920 X 1200 RANGE (FT)	230

RECEIVER UNIT DIMENSIONS (HWD / IN.)	1.063 x 4.528 x 2.457
TRANSMITTER UNIT DIMENSIONS (HWD / IN.)	1.063 x 4.528 x 2.457
RECEIVER UNIT WEIGHT (LBS.)	1
TRANSMITTER UNIT WEIGHT (LBS.)	1
TRANSMITTER VIDEO INPUT	DisplayPort
FORM FACTOR/MOUNTING OPTIONS	Box

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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