



Eaton B127A-1A1-BHFH

HDMI over Cat6 Extender Kit, Box
Transmitter/Wall Plate Receiver, 4K 60 Hz,
4:4:4, IR, PoC, HDR, HDCP 2.2, 230 ft., TAA

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PRODUCT NAME	Eaton Tripp Lite series extender
CATALOG NUMBER	B127A-1A1-BHFH
UPC	037332264008
PRODUCT LENGTH/DEPTH	2.46 in
PRODUCT HEIGHT	1.6 in
PRODUCT WIDTH	4.53 in
PRODUCT WEIGHT	1.43 lb
WARRANTY	1 year limited
COMPLIANCES	REACH FCC Compliant CE Marked RoHS

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TYPE	Extender Kit
AUDIO SPECIFICATION	HDMI outputs support passthrough audio formats including LPCM2.0/5.1/7.1
AUDIO PORTS	HDMI (FEMALE) HDMI outputs support passthrough audio formats including LPCM2.0/5.1/7.1
AC POWER ADAPTER PLUG(S)	AS/NZS 3112 Australia CEE 7/16 Schuko BS 1363 UK NEMA 1-15P North America
RELATIVE HUMIDITY	0-85% non-condensing
AUDIO INPUT	HDMI
COLOR	Black White
AUDIO OUTPUT	HDMI
INPUT	Transmitter end only (included)
MATERIAL	Metal
CONNECTOR TYPE	Networking-copper Video
PRODUCT FEATURES	All-in-One Kit Multi-Resolution Support Extended Mode HDR Support TAA Compliant 3D Video Supported IR Remote Extension Support Built-In Equalizer Power Over Cable (PoC) Support Rackmountable Consumer Electronics Control (CEC) Supported EDID Compatible Mirror Mode Mounting Accessory Included
COLOR DEPTH	36-bit Deep color 36-bit Deep Color
PACKAGE CONTENTS	Mounting hardware Wall plate receiver IR-In cable (4) International plug adapters (North America, Europe, U.K. and Australia)

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	IR-Out cable External power supply (Input: 100-240V, 50/60 Hz, 0.6A; Output: 24V 1A) Owner's manual Box transmitter
PRODUCT HIGHLIGHTS	Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases Power over Cable (PoC) technology provides power to the receiver via Cat6 cable 1-year limited warranty (Worldwide) Transmitter's local port shows you the 4K image being displayed at the other end Supports 4K @ 60 Hz video resolutions (4:4:4) as specified in HDMI 2.0
PACKAGING TYPE	Box
CHROMA SUB SAMPLING	4:4:4
POWER SOURCE TYPE	AC Adapter
HDCP SPECIFICATION	1.4
SIDEA CONNECTOR1	HDMI (FEMALE)
SIDEB CONNECTOR1	RJ45 (FEMALE) HDMI (FEMALE)
SIDEA CONNECTOR2	RJ45 (FEMALE)
SIDEB CONNECTOR3	HDMI (FEMALE)
POWER SOURCE	Transmitter end only (included)
TECHNOLOGY	HDMI Cat5/5e Cat6 IR POC
FEATURES	Flex Center
VIDEO PORTS DETAILS	• HDMI 2.0 • HDCP 1.4 • HDCP 2.2
CONNECTOR GROUP	RJ45 HDMI
CONNECTOR	HDMI (female) RJ45 (female)
AC PLUG TYPE	BS1363

	AS/NZS 3112 NEMA 1-15P CEE 7/16 Schuko
AC POWER ADAPTER CORD LENGTH	4.53 ft
NUMBER OF DISPLAYS	1
NUMBER OF MONITORS SUPPORTED	2
INCLUDED MOUNTING ACCESSORIES	(2) Surface Mounting Brackets, (6) Screws
MAX SUPPORTED VIDEO RESOLUTION	3840 x 2160 @ 60 Hz
RECOMMENDED CATEGORY CABLE	24AWG Cat6
TRANSMISSION DISTANCE	230 ft.
MOUNTING DETAILS	(2) Surface Mounting Brackets, (6) Screws
LED INDICATORS	Transmitter: (1) Power = Green; (1) RJ45 = Green (Power), Orange (transmitter is sending signal from source to receiver); Receiver: (1) Data = Green (solid when receiver is being powered via PoC), Green (blinking when data is being received from transmitter)
OPERATING TEMPERATURE RANGE	32° to 104°F (0° to 40°C)
RESOLUTIONS SUPPORTED	3840 x 2160 (4K x 2K) @ 60 Hz (both Local HDMI port and HDMI Output)
STORAGE TEMPERATURE RANGE	5° to 122°F (-15° to 50°C)
VIDEO INPUT	HDMI (FEMALE)
VIDEO OUTPUT	HDMI (FEMALE)
VIDEO PORTS	HDMI (FEMALE)
RECEIVER - NUMBER OF VIDEO OUTPUTS	1
TRANSMITTER - NUMBER OF VIDEO OUTPUTS	2
MAX RESOLUTION	4K/60
EXTENDER STYLE	Box
EXTENSION METHOD	CATx
RECEIVER UNIT DIMENSIONS (HWD / IN.)	4.53 x 2.76 x 1.33
TRANSMITTER UNIT DIMENSIONS (HWD / IN.)	1.06 x 4.53 x 6.24

RECEIVER UNIT WEIGHT (LBS.)	1.43
TRANSMITTER UNIT WEIGHT (LBS.)	1.43
TAA COMPLIANCE	Yes
FORM FACTOR/MOUNTING OPTIONS	Box Wallplate
