

Specifications

Eaton B127C-1A1-CH2

USB-C to HDMI Extender Kit over Cat6, 4K 120Hz: 82ft (25M), 4K 60Hz: 196ft (60M)



General specifications

PRODUCT NAME	Tripp Lite by Eaton Audio Video Extender-Receiver
CATALOG NUMBER	B127C-1A1-CH2
UPC	037332290090
PRODUCT LENGTH/DEPTH	3.031 in
PRODUCT HEIGHT	5.905 in
PRODUCT WIDTH	4.606 in
PRODUCT WEIGHT	0.6834 lb
COMPLIANCES	RoHS UKCA WEEE Directive CE Marked REACH FCC Compliant
CERTIFICATIONS	IEC 61000
GLOBAL CATALOG	B127C-1A1-CH2
PRODUCT TYPE	Extender-Receiver

Product specifications

TYPE	Extender Kit
AUDIO INPUT	USB-C
COLOR	Black
AUDIO OUTPUT	HDMI
PACKAGE CONTENTS	Receiver Installation Instructions Micro-USB cable Transmitter
SYSTEM REQUIREMENTS	Display device with HDMI input (HDTV, projector, monitor) Source device with USB-C output (MacBook Pro, Windows laptop, tablet, smartphone)
PRODUCT FEATURES	EDID Support HDR Support Multi-Resolution Support
COLOR DEPTH	30-bit Deep color 30-bit Deep Color
PRODUCT HIGHLIGHTS	Supports High Dynamic Range (HDR10) for richer contrast and expanded color accuracy Plug-and-play operation with no software required for easy, immediate installation Extends UHD 4K @ 120 Hz resolutions up to 82 ft. (25 m) via Cat6 cable Extends UHD 4K @ 60 Hz resolutions up to 196 ft. (60 m) via Cat6 cable Receives power through source device's USB-C port: no external power supply required 1-year limited warranty (Worldwide)
CHROMA SUB SAMPLING	4:4:4
HDCP SPECIFICATION	1.4
SIDE A CONNECTOR1	USB C (MALE)
SIDE B CONNECTOR1	HDMI (FEMALE)
SIDE B CONNECTOR3	HDMI (FEMALE)
HOST CONNECTOR	USB C (MALE)
TECHNOLOGY	USB Cat6 HDMI
OPERATING TEMPERATURE RANGE	-4° to 131°F (-20° to 55°C)
RELATIVE HUMIDITY	0-90% non-condensing
STORAGE TEMPERATURE	-22° to 40°F (-30° to 60°C)

TRANSMISSION RANGE	
MATERIAL OF CONSTRUCTION	ABS
ESD PROTECTION	1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2
NUMBER OF MONITORS	1
RECOMMENDED CATEGORY CABLE	24 AWG Cat6
MAXIMUM SIGNAL RANGE	196 ft
OPERATING TEMPERATURE	-4° to 131°F (-20° to 55°C)
SIGNAL RANGE	196 ft
SUPPORTED RESOLUTION	1280x720 (720p) 1920x1080 (1080p) 3840x2160 (4K)
VIDEO INPUT	USB C (MALE)
VIDEO OUTPUT	HDMI (FEMALE)
VIDEO PORTS	HDMI (FEMALE)
MAX SUPPORTED VIDEO RESOLUTION	1280x720, 1280x960, 1366x768, 1440x900, 1680x1050, 1920x1080, 1920x1200, 720p@50/60Hz, 1080i@50/60Hz, 1080p@24/25/30/50/60/ 120Hz, 2560x1440@50/60/120/144Hz, 3840x2160@24/25/30/50/60/100/120Hz, 4096x2160@24/25/30/50/60Hz
MAX. DISTANCE (BETWEEN ANY 2 UNITS)	196 ft.
RECEIVER - NUMBER OF VIDEO OUTPUTS	1
AUDIO SPECIFICATION	PCM, DTS, Dolby
VIDEO PORTS DETAILS	HDMI 2.0 HDCP 1.4 HDCP 2.2
POWER CONSUMPTION DETAIL	TX ≤ 6W, RX ≤ 4W
LATENCY	Zero Latency
TRANSMITTER - NUMBER OF VIDEO OUTPUTS	1
RECOMMENDED	Solid Wire Cat6 Cables (Eaton Tripp Lite series)

CABLING	N202)
RESOLUTIONS SUPPORTED	• 1280x720, 1280x960, 1366x768, 1440x900, 1680x1050, 1920x1080, 1920x1200, 720p@50/60Hz, • 1080i@50/60Hz • 1080p@24/25/30/50/60/120Hz • 2560x1440@50/60/120/144Hz • 3840x2160@24/25/30/50/60/100/120Hz • 4096x2160@24/25/30/50/60Hz
MAX 1080P RANGE (FT)	230 ft
MAX 480P RANGE (FT)	230 ft
MAX 1280 X 720 (720P) RANGE (FT)	196
MAX 2560 X 1600 RANGE (FT)	196
MAX 1920 X 1080 (1080P) RANGE (FT)	196
MAX 1920 X 1200 RANGE (FT)	196
MAX 3840 X 2160 (4K) RANGE (FT)	196
RECEIVER UNIT DIMENSIONS (HWD / IN.)	0.590 x 1.023 x 02.814
TRANSMITTER UNIT DIMENSIONS (HWD / IN.)	0.590 x 1.023 x 2.814
RECEIVER UNIT WEIGHT (LBS.)	0.038
TRANSMITTER UNIT WEIGHT (LBS.)	0.037
TRANSMITTER VIDEO INPUT	HDMI

Resources

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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