

Specifications

Eaton B127-1A1-WHD4CH



HDMI over Wireless Extender Kit, USB Type-C Mini Transmitter and HDMI Mini Receiver, 4K 60Hz, 65ft (20M)- Wireless HDMI, switchable channel



General specifications

PRODUCT NAME	Tripp Lite by Eaton Audio Video Extender-Receiver
CATALOG NUMBER	B127-1A1-WHD4CH
UPC	037332286963
PRODUCT LENGTH/DEPTH	7.84 in
PRODUCT HEIGHT	3.15 in
PRODUCT WIDTH	5.87 in
PRODUCT WEIGHT	0.128 lb
WARRANTY	1 year limited
COMPLIANCES	WEEE Directive UKCA RoHS CE Marked REACH FCC Compliant
GLOBAL CATALOG	B127-1A1-WHD4CH
PRODUCT TYPE	Extender-Receiver

Product specifications

TYPE	Wireless Extender
AUDIO INPUT	USB-C
COLOR	Black
AUDIO OUTPUT	HDMI
PACKAGE CONTENTS	USB-C transmitter HDMI receiver USB-A to USB Micro-B cable (M/M), 3 ft. (0.9 m) Owner's manual
SYSTEM REQUIREMENTS	Display device with HDMI input (HDTV, projector, monitor) Source device with USB-C output (Blu-ray player, external hard drive, laptop)
COLOR DEPTH	36-bit Deep color 36-bit Deep Color
PRODUCT HIGHLIGHTS	Low-profile design convenient for travel to lectures, trade shows and meetings for work Plug-and-play operation with no software required for easy, immediate installation Displays HDMI audio/video up to 65 ft. away with no costly cable infrastructure Allows you the freedom of positioning devices without constraint of cable placement 1-year limited warranty (Worldwide) Supports UHD resolutions up to 4K @ 60 Hz for heightened video quality
CHROMA SUB SAMPLING	4:4:4 4:2:2
HDCP SPECIFICATION	1.4
SIDE A CONNECTOR1	USB C (MALE)
SIDE B CONNECTOR1	HDMI (MALE)
SIDE A CONNECTOR2	HDMI (MALE)
TECHNOLOGY	HDMI Wireless
OPERATING TEMPERATURE RANGE	-4° to 122°F (-20° to 50°C)
RELATIVE HUMIDITY	0-90% non-condensing
STORAGE TEMPERATURE	-22° to 158°F (-30° to 70°)

Resources

TRANSMISSION RANGE	≤ 20m
LED INDICATORS	TX: x3 Blue (Power); RX x3 Blue (Power)
MATERIAL OF CONSTRUCTION	ABS
ESD PROTECTION	1a Contact discharge level 3; 1b Air discharge level 3; Standard: IEC61000-4-2
NUMBER OF MONITORS	1
MAXIMUM SIGNAL RANGE	65 ft
OPERATING TEMPERATURE	-4° to 122°F (-20° to 50°C)
VIDEO INPUT	USB C (MALE)
VIDEO OUTPUT	HDMI (MALE)
VIDEO PORTS	HDMI (MALE)
MAX SUPPORTED VIDEO RESOLUTION	3840x2160 @24/30/50/60Hz; (YUV 4:4:4, YUV 4:2:2 and RGB); 1080P@50/60Hz; 720P@50/60Hz; 1920x1200@60Hz
MAX. DISTANCE (BETWEEN ANY 2 UNITS)	65
RECEIVER/TRANSCIVER VIDEO OUTPUT	HDMI
RECEIVER - NUMBER OF VIDEO OUTPUTS	1
AC POWER ADAPTER INPUT SPECS (V / HZ / A)	Micro USB power supply (5V/1A)
POWER CONSUMPTION DETAIL	TX < 5W, RX < 3.5W
HOUSING	Plastic
LATENCY	100~250ms
TRANSMITTER - NUMBER OF VIDEO OUTPUTS	1
NUMBER OF DISPLAYS	1
MAX 2560 X 1600 RANGE (FT)	65
MAX 1920 X 1200 RANGE (FT)	65
MAX 3840 X 2160 (4K) RANGE (FT)	65
RECEIVER UNIT DIMENSIONS (HWD / IN.)	0.6 x 1.6 x 9
TRANSMITTER UNIT DIMENSIONS (HWD / IN.)	0.6 x 1.6 x 9
RECEIVER UNIT WEIGHT (LBS.)	0.11

TRANSMITTER UNIT WEIGHT (LBS.)	0.1
TRANSMITTER VIDEO INPUT	USB-C

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

