

Specifications

Eaton B156E-002-8K-K

2-Port DisplayPort/USB-C to DisplayPort
Multi-Monitor Splitter-Extender Kit, MST
Hub, 8K 60Hz, DP1.4, TAA



General specifications

PRODUCT NAME	Tripp Lite by Eaton Audio Video splitter
CATALOG NUMBER	B156E-002-8K-K
UPC	037332287410
PRODUCT LENGTH/DEPTH	3.937 in
PRODUCT HEIGHT	1.169 in
PRODUCT WIDTH	9.252 in
PRODUCT WEIGHT	0.485 lb
WARRANTY	1 year limited
COMPLIANCES	CE Marked RoHS WEEE Directive UKCA TAA Compliant FCC Compliant
GLOBAL CATALOG	B156E-002-8K-K
PRODUCT TYPE	Splitter

Product specifications

TYPE	Splitter; Extender Kit
AC POWER ADAPTER PLUG(S)	CEE 7/16 Schuko AS/NZS 3112 Australia NEMA 1-15P North America BS 1363 UK
PACKAGE CONTENTS	Mounting hardware B156E-002-8K-K 2-Port DisplayPort to DisplayPort Multi-Monitor Splitter (4) International plug adapters (North America, Europe, U.K., Australia) (2) DisplayPort pigtail receivers Installation guide External power supply (Input: 100–240V, 50/60 Hz, 0.6A; Output: 24V 1A) with 4.5 ft. cord
SYSTEM REQUIREMENTS	Mac OS X does not support MST for NVIDIA and Intel graphics processor units, limiting video display on the connected monitors to mirror mode. A computer with a DisplayPort 1.4 compatible graphics card (e.g. AMD Radeon with AMD Eyefinity Technology). Backward compatible with most DisplayPort 1.1a equipment running current graphics drivers. The feature set is limited to that of the attached equipment (e.g. you may be limited to displaying in clone/mirror mode only). Compatibility with older graphics cards is not guaranteed. DisplayPort 1.4 bandwidth is 32.4 Gbps. Higher resolution monitors take up more bandwidth. Although DisplayPort monitors support video resolutions up to 3840 x 2160 on individual monitors, the number of 4K monitors connected at the same time is limited.
CONNECTOR PLATING	Nickel

Resources

PRODUCT FEATURES	3D Video Supported MST Support Power Over Cable (PoC) Support TAA Compliant HDR Support
COLOR DEPTH	12-bit True Color
PRODUCT HIGHLIGHTS	1-year limited warranty (Worldwide) Supports UHD resolutions up to 8K @ 60 Hz (4:4:4) in video wall mode Transmits in mirrored, extended and video wall modes for advanced digital signage Power over Cable (PoC) technology provides power to the receivers via Cat6 cable Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases Ready for plug-and-play operation with no additional software or drivers needed
CONTACT PLATING	Gold
PACKAGING TYPE	Box
CHROMA SUB SAMPLING	4:2:0 4:2:2 4:4:4
EXTERNAL POWER SUPPLY CERTIFICATIONS	FCC cUL UL
POWER SOURCE TYPE	AC Adapter
HDCP SPECIFICATION	1.4
SIDE B CONNECTOR1	DISPLAYPORT (MALE)
SIDE B CONNECTOR3	DISPLAYPORT (MALE)
DISPLAYPORT SPECIFICATION	1.2
HOST CONNECTOR	DISPLAYPORT (FEMALE)
TECHNOLOGY	DisplayPort
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)
ADAPTER	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
BTU RATING	90.365 BTU/h

CABLE LENGTH	0 Foot
LED INDICATORS	(x2) Orange (Monitor Signal); (x1) Green (Power)
MATERIAL OF CONSTRUCTION	ABS Plastic
NUMBER OF PORTS	2
MAXIMUM SIGNAL RANGE	230 ft
OPERATING TEMPERATURE	32° to 104°F (0° to 40°C)
SIGNAL RANGE	230 ft
TAA COMPLIANCE	Yes
VIDEO INPUT	DISPLAYPORT (FEMALE)
VIDEO OUTPUT	DISPLAYPORT (MALE)
MAX SUPPORTED VIDEO RESOLUTION	7680 x 2160 (8K) @ 60Hz
RECEIVER/TRANSCIVER VIDEO OUTPUT	DisplayPort
AUDIO SPECIFICATION	2ch LPCM, AC3,DTS, Bit depth up to 24bits, sample rate up to 192Khz.
AC POWER ADAPTER INPUT SPECS (V / HZ / A)	100-240V / 50/60Hz / 0.6A
AC POWER ADAPTER OUTPUT SPECS (V / A)	24V / 1A
INPUT X OUTPUT	1 x 2
LATENCY	Zero Latency
TRANSMITTER - NUMBER OF VIDEO OUTPUTS	2
AC POWER ADAPTER CORD LENGTH	4.5 ft
POWER CONSUMPTION	26.5 W
RESOLUTIONS SUPPORTED	Video Wall Mode: (1x2) 3840 x 4320@ 60hz; (2x1)7680 x 2160@ 60hz; Extended Desktop Mode: 3840 x 2160@ 60hz (Display 1 & Display 2) Mirror Mode: 3840 x 2160@ 60hz (Display 1 & Display 2)
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 1440 X 900 RANGE (FT)	230 ft
MAX 480I RANGE (FT)	230 ft

MAX 800 X 600 RANGE (FT)	230 ft
MAX 4K UHD RANGE (FT)	230 ft
MAX 1920 X 1440 RANGE (FT)	230 ft
MAX 640 X 480 RANGE (FT)	230 ft
MAX 1080I RANGE (FT)	230 ft
MAX 1280 X 720 (720P) RANGE (FT)	230
MAX 1920 X 1080 (1080P) RANGE (FT)	230
RECEIVER UNIT DIMENSIONS (HWD / IN.)	2.95 x 1.85 x 0.73
TRANSMITTER UNIT DIMENSIONS (HWD / IN.)	9.25 x 3.94 x 1.17
RECEIVER UNIT WEIGHT (LBS.)	0.48501
TRANSMITTER UNIT WEIGHT (LBS.)	1.433
TRANSMITTER VIDEO INPUT	DisplayPort

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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