

Specifications

Eaton B119-4X2-MV



HDMI 4x2 Matrix Switch with Quad Multiviewer - 4K 30 Hz, 4:4:4, Seamless Switching, Scaling, Audio Out, RS-232 & Remote Control

General specifications

PRODUCT NAME	Eaton Tripp Lite series video switch
CATALOG NUMBER	B119-4X2-MV
UPC	037332293657
PRODUCT LENGTH/DEPTH	3.6 in
PRODUCT HEIGHT	0.7 in
PRODUCT WIDTH	8.5 in
PRODUCT WEIGHT	0.86 lb
WARRANTY	3 year limited
COMPLIANCES	CE Marked FCC Compliant REACH RoHS
CERTIFICATIONS	CSA Std. C22.2 EN 55032 CISPR 35/EN 55035 UL 62368-1
GLOBAL CATALOG	B119-4X2-MV
PRODUCT TYPE	Video switch

Product specifications

TYPE	Multi-Viewer
AC POWER ADAPTER PLUG(S)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/7 Schuko; NEMA 1-15P North America
AUDIO INPUT	HDMI
COLOR	Black
AUDIO OUTPUT	HDMI 3.5mm Toslink
PACKAGE CONTENTS	Remote control Mounting hardware (4) Rubber feet (4) International plug adapters (AS/NZS 3112 Australia, BS 1363 UK, CEE 7/7 Schuko, NEMA 1-15P North America) USB-A to Micro-USB data cable (M/M), 5 ft. B119-4X2-MV 4x2 HDMI Matrix Switch User documentation External power supply w/4 ft. cord (Input: 100–240V, 50/60 Hz, 0.2A; Output: 5V 1A)
SYSTEM REQUIREMENTS	HDMI source devices supporting up to 4K @ 30 Hz (media players, PCs, game consoles) HDMI displays or projectors supporting 1080p, 1600p, or 4K @ 30 Hz Standard HDMI cables (28 AWG or better recommended for 4K signals up to 5 meters) External speakers, soundbars, or AV receivers (for use with stereo or TOSLINK audio outputs) Control system with RS-232 (optional, for serial control integration) AC power source (100–240V) for included 5V DC power adapter HDMI displays or projectors supporting 1080p, 1600p or 4K @ 30 Hz External speakers, soundbars or AV receivers

Resources

	(for use with stereo or TOSLINK audio outputs) AC power source (100–240V) for included 5V DC power adapter
CONNECTOR PLATING	Nickel
CONNECTOR TYPE	Audio Video USB/Thunderbolt/Lightning
PRODUCT FEATURES	IR Remote Extension Support RS-232 Serial Extension Support Mounting Accessory Included
COLOR DEPTH	30-bit Deep Color 36-bit Deep Color
PRODUCT HIGHLIGHTS	Seamless switching on Output A with no black screen or delay Supports 4K @ 30 Hz video with 4:4:4 and 4:2:2 color formats up to 12-bit depth 3-year limited warranty (Worldwide) Route up to 4 HDMI inputs to 2 HDMI outputs or displays all inputs on one screen Controlled via front panel, IR remote or RS-232; plug-and-play setup with no software Extracts audio via stereo or TOSLINK; supports LPCM, Dolby Digital and DTS
CONTACT PLATING	Gold
PACKAGING TYPE	Box
CHROMA SUB SAMPLING	4:2:2 4:4:4
EXTERNAL POWER SUPPLY CERTIFICATIONS	CE FCC PSE TUV UKCA UL WEEE cUL
POWER SOURCE TYPE	AC Adapter
PORT SELECTION	Pushbutton Remote selector
HDCP SPECIFICATION	1.4
SIDEA CONNECTOR1	HDMI (FEMALE)
SIDEB CONNECTOR1	HDMI (FEMALE)

SIDE B CONNECTOR2	3.5MM (FEMALE)
DC BARREL PLUG	OD: 5.5 x 2.1 x 10 mm, positive pin, negative sleeve
SIDE B CONNECTOR3	TOSLINK (FEMALE) HDMI (FEMALE)
VOLTAGE COMPATIBILITY (VAC)	100 VAC 110 VAC 125 VAC 127 VAC 200 VAC 208 VAC 220 VAC 230 VAC 240
SIDE B CONNECTOR4	MICRO-USB B (FEMALE)
HOST CONNECTOR	HDMI (FEMALE)
POWER SOURCE	Unit (included)
TECHNOLOGY	HDMI IR Stereo Audio Toslink / SPDIF
OPERATING HUMIDITY	5% TO 90% RH NON- CONDENSING
OPERATING TEMPERATURE RANGE	32°F to 158°F (0°C to 70°C)
STORAGE HUMIDITY RANGE	5% TO 90% RH NON- CONDENSING
STORAGE TEMPERATURE	14°F to 176°F (-10°C to 80°C)
ADAPTER	Input: 100-240V, 50/60Hz, 0.2A; Output: 5V 2A, 4.5 ft
MATERIAL OF CONSTRUCTION	ABS + METAL
NUMBER OF PORTS	9
NUMBER OF MONITORS	2
POWER PROVIDED TO CONNECTED DEVICE(S)	2
MAXIMUM SIGNAL RANGE	65 ft
OPERATING TEMPERATURE	32° to 158°F (0° to 70°C)
SIGNAL RANGE	32 ft
CABLE HARDWARE	3.5mm HDMI Toslink
CONNECTOR GROUP	HDMI 3.5mm Micro USB
CONNECTOR	HDMI (female) 3.5mm (female)

	Micro USB-B (female)
SUPPORTED RESOLUTION	1280x720 (720p) 1920x1080 (1080p) 2560 x 1600 3840x2160 (4K)
FITTINGS INCLUDED	Mounting Accessory Included
AC PLUG TYPE	AS/NZS 3112 BS1363 NEMA 1-15P
VIDEO INPUT	HDMI (FEMALE)
VIDEO OUTPUT	HDMI (FEMALE)
VIDEO PORTS	HDMI (FEMALE)
MAX SUPPORTED VIDEO RESOLUTION	3840 x 2160 (4K) @ 30Hz
AUDIO SPECIFICATION	Stereo Audio, Digital: LPCM/AC3/DTS
AC POWER ADAPTER INPUT SPECS (V / HZ / A)	100-240V, 50/60Hz, 0.4A
AC POWER ADAPTER OUTPUT SPECS (V / A)	5V / 2A
VIDEO PORTS DETAILS	HDMI 1.4 HDCP 1.4
LATENCY	Zero
AC POWER ADAPTER CORD LENGTH	4.5 ft
POWER CONSUMPTION	10 W
MAXIMUM SIGNAL RANGE DETAILS	Maximum Input + Output Cable Lengths Supported: 4K: 16.4 ft (5m) Input + 16.4 ft (5m) Output (33 ft/10m total) 1080p: 32.8 ft (10m) Input + 32.8 ft (10m) Output (65 ft/20m total)
RESOLUTIONS SUPPORTED	Supported resolutions to connected displays include: 720p@50Hz / 720p@60Hz / 1080p@24Hz / 1080p@25Hz / 1080p@30Hz / 1080p@50Hz / 1080p@60Hz /3840X2160 @ 24Hz / 3840X2160@25Hz / 3840X2160@30Hz
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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