



Model: B119-4X4-4K6-VW

# Eaton's Tripp Lite series video wall controllers

## Distribute 4K video to HDMI video walls

Tripp Lite series video wall controllers distribute 4K/60 Hz video from up to four source devices (laptops, cable boxes, media servers, etc.) to up to four HDMI displays in different configurations. Choose a 1x4 video controller (B119-1X4-4K6-VW) or a 4x4 matrix switch/splitter (B119-4X4-4K6-VW) to create a video wall perfect for use in pro AV installations, conference rooms or home theaters.

Choose the inputs and outputs using the front-panel buttons, the included IR remote or RS-232 commands. Model B119-4X4-4K6-VW can also connect to a computer for control using a web interface.

### Versatile video wall configurations

Connect the controller to as many as four HDMI displays with user-supplied cables.

- Model B119-1X4-4K6-VW has an HDMI input, a USB-C input and four HDMI outputs. It supports eight video wall configurations: 1x1, 1x2, 1x3, 1x4, 2x1, 3x1, 4x1 and 2x2.
- Model B119-4X4-4K6-VW has four HDMI inputs and four HDMI outputs. It supports 10 video wall configurations: 1x2, 1x2-2, 1x3, 1x4, 2x1, 2x1-2, 3x1, 4x1, 2x2 and matrix.

### Durable construction

A metal housing provides durability for daily use. Mounting ears are included for installation in a 19-inch server rack or on a wall or desk.

### Premium video and audio

The video wall controllers support video resolutions up to 4K/60 Hz. The B119-4X4-4K6-VW matrix switch/splitter allows each connected display to show video at its maximum resolution without affecting the other outputs.

- High dynamic range (HDR) provides rich contrast and expanded color accuracy.
- Uncompressed 4:4:4 chroma subsampling supports top-level PC gaming or using an HDTV as a PC monitor.
- HDCP 2.2 encryption allows streaming of 4K content with no loss in resolution.

### Multiple control options

Control display modes using the front-panel buttons, the included IR remote or RS-232 commands.

- B119-4X4-4K6-VW also connects to a computer via its web interface module (TCP/IP) for control and configuration of the unit when used as a stand-alone or with a third-party control system. Third-party drivers are available for all major home control brands.



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## Feature focus

- 1 Power button
- 2 Power LED
- 3 HDMI LED
- 4 USB-C LED
- 5 Auto LED
- 6 IR signal receiving window
- 7 HDMI button
- 8 USB-C button
- 9 Mode button
- 10 Resolution button  
Choose the HDMI output resolution.
- 11 HDMI input(s)
- 12 USB-C input
- 13 Optical audio output
- 14 L/R audio output
- 15 HDMI outputs
- 16 RS-232 3-pin Phoenix connector port  
Connect to a PC or control system for serial port upgrade or RS-232 command control.
- 17 IR extender port  
IR receiver cable (included) can be connected to this port to receive the IR remote signal.
- 18 DC 12V connection for external power supply (included)
- 19 Signal source LEDs
- 20 Input source switching button
- 21 TCP/IP port  
Connect to an Ethernet network with an RJ45 cable (sold separately).



Front view: B119-1X4-4K6-VW



Rear view: B119-1X4-4K6-VW



Front view: B119-4X4-4K6-VW



Rear view: B119-4X4-4K6-VW

### Not shown:

IR remote, IR receiver cable, Phoenix connector, mounting ears

## Specifications

Model	B119-1X4-4K6-VW	B119-4X4-4K6-VW
Maximum video resolution	Input: 3840 x 2160 @ 60 Hz Output: 3840 x 2160 @ 30 Hz	Input/output: 4096 x 2160 @ 60 Hz
Multi-resolution support	—	Yes
Inputs	(1) HDMI, (1) USB-C	(4) HDMI
Outputs	(4) HDMI, (1) S/PDIF optical audio, (1) RCA L/R audio	(4) HDMI
Video wall configurations	1x1, 1x2, 1x3, 1x4, 2x1, 3x1, 4x1, 2x2	1x2, 1x2-2, 1x3, 1x4, 2x1, 2x1-2, 3x1, 4x1, 2x2, matrix
Control ports	(1) RS-232 [3-pin Phoenix connector], (1) IR extender	(1) RS-232 [3-pin Phoenix connector], (1) IR extender, (1) TCP/IP
Power supply (included)	100 – 240V AC (includes North American, Schuko, U.K. and Australian plugs)	
Unit size, H x W x D	1.2 x 8.7 x 3.9 in. (30 x 220 x 100 mm)	1.2 x 10.6 x 6.5 in. (30 x 270 x 166 mm)
Limited warranty	3 years	

Due to continuous improvement programs, specifications are subject to change without notice.

Learn more at [TrippLite.Eaton.com](https://TrippLite.Eaton.com)

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