

CAMLIVE MX UVC Camera Seamless Matrix

UC3310

The CAMLIVE MX (UC3310) UVC Camera Seamless Matrix enables the conversion of up to two 4K @ 30 USB camera sources into one HDMI, allowing seamless switch among the sources. Besides, it features the encoding solution supporting 1080p@30 UVC output simultaneously for live broadcasting on popular streaming software such as Microsoft Teams, Zooms, OBS, XSplit, YouTube, Facebook, GoToWebinar, and Twitch, guaranteeing an engaging video conferencing experience with high quality images and sound.

Pushbuttons are built on the front panel for quick and intuitive signal selection. The RS-232 connection enables integration with ATEN VK series and other third-party control systems. The CAMLIVE MX also comes with RS-485 interface to support VISCA protocol for PTZ camera controller connection. An optional rack mount kit is available to give installation flexibility in media cabinets or DIT stations. The CAMLIVE MX delivers plug-and-play convenience with no software drivers needed. In addition, it runs on all major operating systems including windows 10 and macOS 12 for all users to customize video streams for various online meeting applications.



Front View

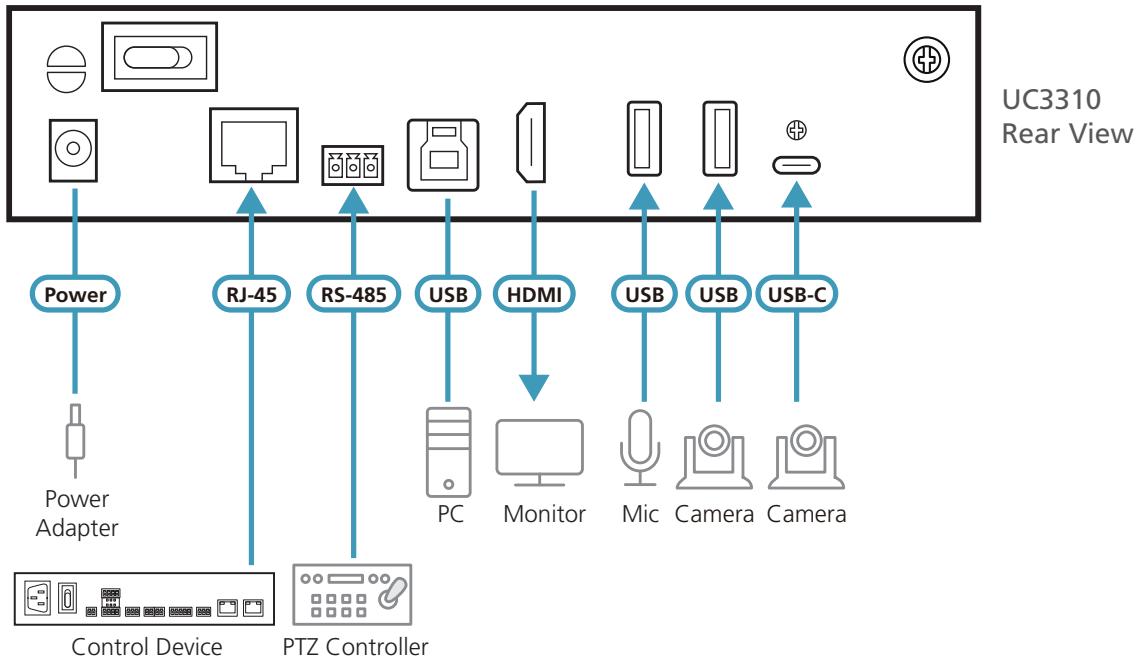


Rear View



Features

- Converts up to two 4K@30 USB camera inputs into one HDMI
- Supports USB audio in / out for matrix switching
- Support 1080p @ 30 UVC output simultaneously for live broadcasting on popular streaming software (Microsoft Teams, Zooms, OBS, XSplit, YouTube, Facebook, GoToWebinar, and Twitch)
- Pushbuttons on the front panel allow quick and intuitive signal selection and assignment
- RS-232 connection enables integration with ATEN VK Control System
- Built-in RS-485 interface to support VISCA protocol for PTZ camera controller connection
- Optional rack mount kit gives installation flexibility in media cabinets or DIT stations
- Plug-and-play convenience with no software drivers needed
- Supports all major operating systems including windows 10 and macOS 12



Specifications

	UC3310
Connectors	
Video In	1 x USB 3.2 Gen1 Type-A Female (Blue) 1 x USB-C 3.2 Gen 1 Female (Black)
Audio Inputs	1x USB 2.0 Type-A Female (White)
Video Output	1 x HDMI Type A Female (PGM Video, Black)
USB Port	USB 3.2 Gen1 Type-B Female (Blue) (USB Type-A to USB Type-B cable is included in the package)

Video Resolution	<p>USB camera input: 720p24, 720p25, 720p30, 720p50, 720p60 1080p24, 1080p25, 1080p30, 1080p50, 1080p60 2160p24, 2160p25, 2160p30</p> <p>PGM HDMI output: HD Video Standards 720p24, 720p25, 720p30, 720p50, 720p60 1080p24, 1080p25, 1080p30, 1080p50, 1080p60 Ultra HD Video Standards 2160p24, 2160p25, 2160p30</p> <p>USB video output: 4Kp30 (MJPEG) 1080p30, 720p24, 720p25, 720p30 (MJPEG)</p>
Color Space	NV12
Audio Sampling	16-bit PCM audio, 48KHz
Control	
RS-232	<p>Interface: RJ-45 Bit rate: 50bps~921.6Kbps (Default: 9600bps) Stop bit: 1 stop bit Data bits: 8 bits Parity: no parity Signal: TxD, RxD, GND</p>
RS-485	<p>PTZ Control Support Protocol: VISCA Interface: Terminal block Flow Control: N/A FIFO: 64 bytes Bit rate: 50bps~115200bps (Default: 9600bps) Stop bit: 1 stop bit Data bits: 8 bits Parity: none Signal: Data+(B), Data-(A), GND Protection IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power1 kV Signal: 0.5 kV IEC 61000-4-5 Surge: Power: 1 kV IEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m IEC 61000-4-8 PFMF</p>
Environmental	
Operating Temperature	0 – 40 °C
Storage Temperature	-20 – 60 °C
Humidity	0 – 80 % RH, Non-Condensing
Minimum Hardware Requirements	<p>PC/Mac: CPU: Intel® i3 Dual Core 2.8Ghz or higher RAM: 4GB or more 1 x USB Type-A interface</p>
OS Support	<p>Windows 10 and above Mac OS 12 and above</p>
Power Inputs	
Power Adapter	DC power adapter with Power cable IEC C13, 100-240 Vac
Power Consumption	DC12V:6.50W
Physical Properties	
Housing	Metal
Weight	0.98 kg
Dimensions (L x W x H)	16.46 x 20.00 x 4.40 cm

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