

# CAMLIVE™ PRO 4K 4-Input HDMI to USB Video Switcher

UC3430

The CAMLIVE PRO 4K (UC3430) 4-Input HDMI to USB Video Switcher captures up to four 4K @ 60 HDMI inputs, enabling users to mix dual video signals into one single stream while supporting multiple output options, including 4K @ 60 HDMI PGM / Loop-through for preview and monitoring purposes and 4K @ 30 USB-C output for live broadcast on the Internet. The USB-C output supports popular streaming software including Zoom, Microsoft Teams, Youtube, Facebook, GoToWebinar, Open Broadcaster, XSplit Broadcaster, and Twitch on Windows and Mac. Plus, the CAMLIVE PRO 4K features audio mixer functionalities to mix up to 4 HDMI audios and 1 line-level audio for users to add live narration / music to the content, streamlining the production process.

When working with the intuitive ATEN OnAir Lite app, users can remotely control device settings in real-time, from multiple AV source switching / mixing, content cropping / resizing, layout to transitions. Apart from the versatile transition effects, the PiP / PbP / PoP functions and the support for Chroma Key help users create a dynamic presentation that will never bore the audience. In order to amplify brand identity, users are allowed to add logos in PNG / BMP / JPG format to the content. Apart from the app, the CAMLIVE PRO 4K is also controllable through its front panel pushbuttons and RJ-45 port for serial control via ATEN VK Control System.

The CAMLIVE PRO 4K works with a rack mount kit (sold separately) to give installation flexibility in media cabinets or DIT stations. With the switcher's one-stop programming and streaming functionalities that work on Windows / Mac platforms, multi-camera streaming in scenarios in need of sharp, vivid UHD quality such as multi-cam studios, corporate conferences, lecture halls, houses of worship, and live events, has never been so easy.



**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE



Front View

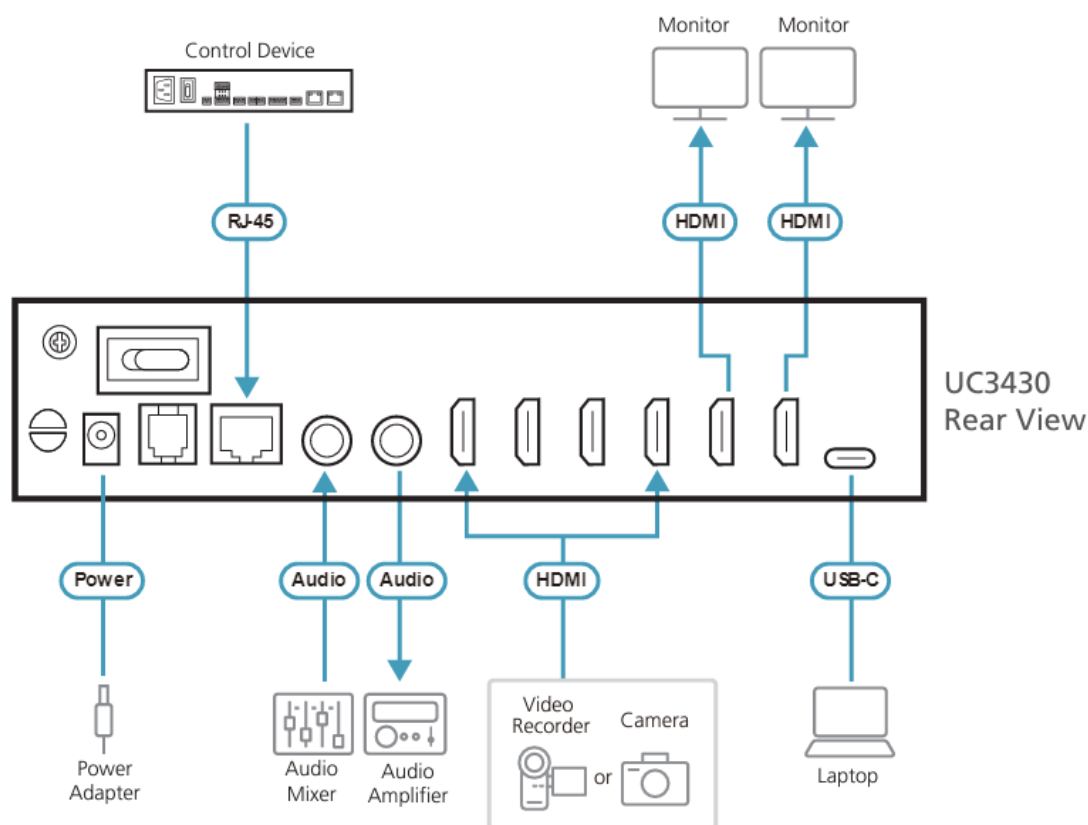


Rear View



## Features

- Captures 4 channels of 4K @ 60 HDMI, mixes and switches the streams while providing audio mixer functionalities and seamless transition for pro-level broadcasting
- Multiple output options:
  - HDMI PGM / Loop-through at 4K @ 60 for preview and monitoring purposes
  - USB-C output 4K @ 30 for live broadcast on the Internet
- Built-in audio mixer — mixes up to 4 HDMI audios and 1 line-level audio for adding live narration / music to the content
- Versatile control methods via the front panel pushbuttons, RJ-45 port for serial control via ATEN VK Control System, and ATEN OnAir Lite app
- ATEN OnAir Lite app — users can remotely control device settings in real-time, including multiple AV source switching / mixing, content cropping / resizing, layout options (full screen / PiP / PbP / PoP), transitions, Chroma Key, and logo adding
- Compatible with popular streaming software including Zoom, Microsoft Teams, Youtube, Facebook, GoToWebinar, Open Broadcaster, XSplit Broadcaster, and Twitch
- Supports UVC / UAC v1.1
- Plug-and-Play functionality with USB-C 3.2 Gen 1 compliance
- Works with major operating systems: Windows® and Mac OS X®



## Specifications

CAMLIVE™ PRO 4K	
<b>Connectors</b>	
Video In	4 x HDMI Type A Female (Black) (HDMI TMDS compatible and does not support FRL/VRR/ALLM/eARC. Supports max. input video resolution up to 3840 x 2160p60 and only stereo audio signals)
USB Port	1 x USB-C 3.2 Gen1 Male (Black) (USB-C to USB-C and USB-C to USB Type-A cables are supplied in the package)
Video Output	1 x HDMI Type A Female (PGM Video, Black) 1 x HDMI Type A Female (Loop-Thru Video, Black)
Audio Inputs	1x unbalanced audio via 6.35mm TRS connectors (Black)
Audio Outputs	1x unbalanced audio via 6.35mm TRS connectors (Black)
<b>Video Resolution</b>	Video input: 720p50, 720p60, 1080p25, 1080p30, 1080p50, 1080p60 4096 x 2160 25p/30p/60p, 3840 x 2160 25p/30p/60p , HDMI unencrypted
<b>Audio Sampling</b>	16-bit PCM encoded audio at 44.1KHz and 48KHz sampling rates
<b>Output</b>	PGM HDMI video out: 720p: 1280 x 720 25p/30p/50p/60p 1080p: 1920 x 1080 24p/25p/30p/50p/60p 2160p: 3840 x 2160 24p/25p/30p/50p/60p, HDMI unencrypted  Uncompressed USB video (UVC) stream with audio(UAC) 720p: 1280 x 720 25p/30p/50p/60p 1080p: 1920 x 1080 24p/25p/30p/50p/60p 2160p: 3840 x 2160 24p/25p/30p  (Uncompressed video stream is only available on USB 3.1 connection.)
<b>Environmental</b>	
Operating Temperature	0 – 40 °C
Storage Temperature	-20 – 60 °C
Humidity	0 - 80 % RH, Non-Condensing
<b>Minimum Hardware Requirements</b>	PC/Mac: CPU: Intel® i3 Dual Core 2.8Ghz or above RAM: 4GB or more One USB-C interface or USB Type-A interface
<b>Control</b>	
Contact In	RS-232 connection via RJ-45 interface
RS-232	Flow Control: RTS/CTS, XON/XOFF FIFO: 64 bytes Baud rate: 50bps ~921.6Kbps Stop bit: 2 stop bits (9600 8N2) OR 1 stop bit (1,1.5, 2) Parity: no parity Signal: Tx/D, Rx/D, RTS, CTS, DTR, DSR, GND
USB	Support ATEN OnAir Lite App, App downloadable from Microsoft Store
<b>OS Support</b>	Windows 10 and above with UVC/UAC v1.1 support Mac OS X 10.13 and above with UVC/UAC support
<b>Physical Properties</b>	
Housing	Metal
Weight	1.03 kg
Dimensions (L x W x H)	20 x 16.46 x 4.4 cm