

StreamLIVE™ HD

UC9020

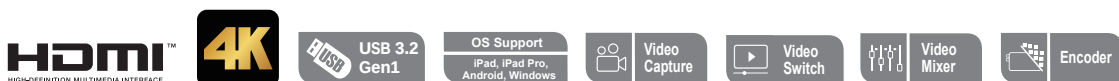
The StreamLIVE HD is a portable, all-in-one, multi-channel audio / video mixer device that integrates an 1080p video capture, video recorder, video switch, stream broadcaster, video converter, 4K video splitter, and audio mixer into one compact box to eliminate the hassle of working with different AV equipment. The StreamLIVE HD makes HDMI video sources broadcast for higher quality live stream to CDN platforms such as YouTube Live, Facebook, and Twitch.

For added convenience, the StreamLIVE HD features an intuitive app – OnAir, which is designed for use with supported Android / Windows devices or iPads, making it easy to monitor, edit image layouts, and adjust PIP settings. The StreamLIVE HD is PC and software-free, and with its well-designed control panel, it makes livestreaming operations smooth and effortless. Users can even preview video and monitor audio levels before going live with their web broadcast! To get started, simply connect audio / video sources to Ethernet and an ATEN OnAir-installed Android / Windows device or iPad, and you are ready to roll.

For enterprises in need of delivering remote presentations on Skype, Zoom, MS Teams, OBS, or other platforms for meetings, online events, and webinars alike, the StreamLIVE HD works with ATEN Stream to USB software, which helps convert streams into USB webcam signals. Moreover, the software enables operators to monitor the live production coming from all StreamLIVE HDs in a media pool and to broadcast each stream to the right destination.

When it comes to outputting content from an iPhone / iPad, usually UI elements appear on the video feed, which is not aesthetically pleasing. This is where ATEN OnAir Cam app helps! The app helps capture camera feed from an iPhone / iPad and turn it into an 1080p @ 60 Hz HDMI video source devoid of on-screen icons or overlays. Such clean camera feed can be used on the StreamLIVE HD for live stream rig or post production set-up enhancement, achieving higher production value.

Whether users are capturing, editing or streaming, the StreamLIVE HD with its ergonomic and practical design, is flexible enough to fit all independent live streaming broadcasting environments. With a rich feature set, the StreamLIVE HD addresses the challenges that independent live streaming broadcasters encounter and provides an easy-to-use solution.

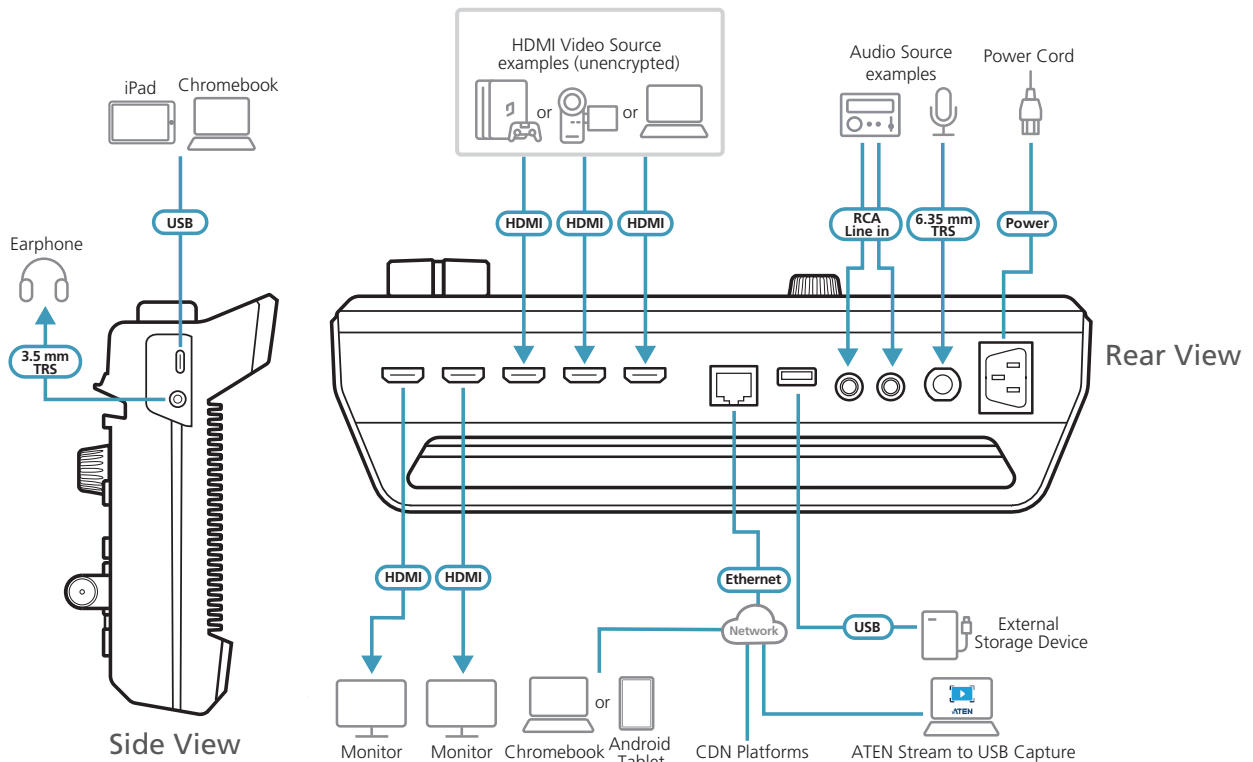


Front View



Rear View





Features

- All-in-one design to simplify streaming workflow – integrates 1080p video capture, video recorder, video switch, streaming encoder, video converter, video splitter, and audio mixer
- Professional-quality live streaming to global audiences by any CDN platform. With a low entry threshold, even entry-level users can quickly get started
- 1080p recording – features media recording that can be used to record a program and save recordings directly to a connected external hard drive via USB
- Intuitive app for preview and program monitoring, change video layout in Full Screen / PBP / PiP settings, adding image and subtitles overlays, and smooth scenes transitions for a professional finish
- Storyboard-like management – presets up to 8 scenes for later while streaming and during performances to reduce the need to interact with hardware
- Compact mixer control panel – switches and mixes between multiple video & audio sources with the help of easily identifiable luminous keys
- Fanless and optimized thermal air flow system for quiet operation
- Multitask designed handle-stand to enhance portability and ergonomic comfort angle
- Supports Android / Windows devices or iPads
- Works with ATEN Stream to USB software – converts streams from multiple StreamLIVE HDs into USB webcam signals for delivering remote presentations on Skype, Zoom, MS Teams, OBS and more
- Receives clean HDMI camera feed via ATEN OnAir Cam app – the app helps capture the iPhone / iPad camera feed and turn it into a clean 1080p @ 60 Hz HDMI video source without on-screen icons or overlays for the StreamLIVE HD's usage

Specifications

StreamLIVE HD (UC9020)	
Video Inputs	
Interfaces	1 x 4K HDMI Type A Female (up to 4K @ 60 Hz, no HDCP support) 2 x HDMI Type A Female (up to 1080p @ 60 Hz, switcher, no HDCP support)
Video Outputs	
Interfaces	1 x 4K Loop-Thru HDMI Type A Female (up to 4K @ 60 Hz, no HDCP support) 1 x PGM HDMI Type A Female (up to 1080p @ 60 Hz, no HDCP support)
Video Sampling	4 : 2 : 2 8-bit
Color Space	4 : 2 : 2 YUV
Video Resolution	Input Resolution HDMI 1 VGA: 640 x 480, 480p: 720 x 480, SVGA: 800 x 600, XGA: 1024 x 768, 720p: 1280 x 720, SXGA: 1280 x 1024, WXGA+: 1440 x 900, UXGA: 1600 x 1200 (RB), WUXGA+: 1680 x 1050, 1080p: 1920 x 1080, 4K UHD: 3840 x 2160, 4K DCI : 4096 x 2160 HDMI 2 A/B* VGA: 640 x 480, 480p: 720 x 480, SVGA: 800 x 600, XGA: 1024 x 768, 720p: 1280 x 720, SXGA: 1280 x 1024, 1360 x 768, WXGA+: 1440 x 900, UXGA: 1600 x 1200 (RB), 1080p: 1920 x 1080 *Only selected port shows video, another one shows non-video photo or graph. Output Resolution SRC / PGM HDMI 480p: 720 x 480, 576p: 720 x 576, 720p: 1280 x 720, 1080p: 1920 x 1080 HDMI Loop-Through VGA: 640 x 480, 480p: 720 x 480, SVGA: 800 x 600, XGA: 1024 x 768, 720p: 1280 x 720, SXGA: 1280 x 1024, WXGA+: 1440 x 900, UXGA: 1600 x 1200 (RB), WUXGA+: 1680 x 1050, 1080p: 1920 x 1080, 4K UHD: 3840 x 2160, 4K DCI : 4096 x 2160
Audio Inputs	HDMI captured inputs (stereo) 1 x Mic input, 1/4" TRS jack (dual mono) 1 x Line input, RCA jack, signal level: -10 dBV
Audio Outputs	HDMI outputs (stereo) 1x Line output, 3.5mm Jack (stereo)
Network Protocol	Multi-Publish to Streaming Server / CDN (RTMP / RTMPS) Video Encoding Format: H.264 Bit rate: 512 Kbps ~ 10 Mbps Color Format: YUV420 Resolution: 1080p @ 30 Hz, 720p @ 30 Hz, 480p @ 30 Hz Audio Encoding Format: AAC Sampling Rate: 48 kHz Bit rate: 128 kbps
Recording Storage	Max. video resolution: 1080p @ 30 Hz File format MP4 Supports media: USB 3.x compatible mobile drive (HDD / SSD), at least 32 GB of free space
Connection	1 x USB 3.2 Gen1 Type-A Female (Blue) 1 x USB 2.0 Type-A (White) 1 x GbE LAN port
Environmental	
Operating Temperature	0 – 40 °C
Storage Temperature	-20 – 60 °C

Humidity	0 – 80% RH, Non-Condensing
OS Support	System requirements for iPads: iPad Pro (3rd gen or above) with iOS 11 or later The following iPad with iOS 11 or later (Additional Apple Lightning USB 3 Adapter is required) : • iPad Pro (1st and 2nd gen) • iPad (5th gen or above) • iPad Air (3rd gen or above) • iPad Mini (5th gen or above) • OnAir App for iPadOS from Apple App Store System requirements for Android tablets: • Android 9 or later • Octa-Core ARM Cortex grade CPU or above • Minimum 2.75 GB system RAM • OnAir App for Android from Google Play Store System requirements for Chromebook: • Chromebook with Android APP support • OnAir App for Android from Google Play Store System requirements for Windows PC: • A PC with Windows 10 version 17763.0 or later, 32/64-bit • CPU: Intel® i3 Dual Core 2.8 Ghz or above • Minimum 4 GB system RAM • OnAir App for Windows from Windows Store • UC9020 with Firmware Ver.1.6.153 or later is also required
Power	
Maximum Input Power Rating	IEC C14, 100 - 240 Vac (w/250V fuse)
Power Consumption	110V:12.9W:80BTU; 220V:12.7W:79BTU
Physical Properties	
Housing	Metal
Weight	1.89 kg
Dimensions (L x W x H)	28.85 x 18.99 x 9.66 cm

