

AJA HELO H.264 recording and streaming stand-alone appliance

Video Formats	<ul style="list-style-type: none"> • (2K) 2048 x 1080p 23.98,24, 25,29.97,30,50,59.94,60* • (HD) 1080p 23.98,24,25,29.97, 30,50,59.94,60 • (HD)1080i 25.29.97,30 • (HD) 720p 50,59.94.60 • (SD) 525i, 625i <p>* 2K inputs are center cut to 1080p and are only supported on SDI input</p>
Video Codec Support	H.264/MPEG-4 Encoder
Video Encoding Parameters	<ul style="list-style-type: none"> • 100 kbps to 20 Mbps (TBD) streamed output • 100 kbps to 20 Mbps (TBD) recorded output • Up to 1080p 60 • Supports Baseline, Main and High • 2.0, 3.0, 3.1, 4.0 and 4.1 level support
Audio Encoding Parameters	<ul style="list-style-type: none"> • 32 kbps to 256 kbps • 32, 44.1 and 48 kHz 2-Channel stereo • MPEG-4 AAC-LC
Protocols	RTMP, RTSP/RTP, Unicast and Multi Unicast (3-10 Clients)
Storage	<ul style="list-style-type: none"> • 1 x USB 2.0 slot, (Can be NTFS 3.1 or FAT32) • 1 x SD Card slot, SD and SDHC cards (NTFS 3.1) • Mounted Network Share
Video Input Digital	<ul style="list-style-type: none"> • 1 x 3G-SDI, SMPTE-259/292/296/424, 10-bit • Single Link 4:2:2, 4:4:4 (1 x BNC) • 1 x HDMI Standard Type A connector • HDMI v1.4a, RGB or YCbCr
Video Output Digital	<ul style="list-style-type: none"> • 1 x 3G-SDI, SMPTE-292/296/424, 10-bit • Single Link 4:2:2 or 4:4:4 (1 x BNC) • 1 x HDMI Standard Type A connector • HDMI v1.4a, RGB or YCbCr
Audio Input Digital	<ul style="list-style-type: none"> • 2-Channel, 24-bit SDI embedded audio, 48 kHz sample rate, synchronous • 2-Channel, 24-bit HDMI embedded audio, 48 kHz sample rate, synchronous
Audio Input Analog	2-Channel, Analog (Line Level, Unbalanced stereo 1 x 3.5mm TRS connector)
Audio Output Digital	<ul style="list-style-type: none"> • 2-Channel, 24-bit SDI embedded audio, 48 kHz sample rate, synchronous • 2-Channel, 24-bit HDMI embedded audio, 48 kHz sample rate, synchronous
Audio Output Analog	2-Channel, Analog (Line Level, Unbalanced stereo 1 x 3.5mm TRS connector)
Network Interface	<ul style="list-style-type: none"> • 10/100/1000 Ethernet (RJ-45) • Embedded web server for Configuration and Control
User Interface	<ul style="list-style-type: none"> • Stream Button • Record Button • Web UI • Simple Web Configuration via AJA eMini-Setup (OSX and PC)
Size (w x d x h)	7.00" x 4.66" x 1.02" (177.8mm x 139.8mm x 25.8mm)
Weight	0.8 lb (0.4 kg)
Power	100-240V, 50/60 Hz Universal Input, +5-20V DC 13W Max
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0 to 40 C (32 to 104 F) • Operating Relative Humidity: 10-90% noncondensing • Operating Altitude: <3,000 meters (<10,000 feet) • Safe Storage Temperature (Power OFF): -40 to 60C (-40 to 140 F)

