

Video			
HDMI Specification	HDMI 2.0b, HDCP 2.2		
UHD/HD/SD	4096×2160 (DCI) @ 30/24 Hz 3840×2160 (UHD) @ 60 ⁽¹⁾ /50/24/25/30 Hz 1920×1080p @ 23.98/24/25/29.97/30/50/59.94/60 Hz 1920×1080i ⁽²⁾ @ 25/29.97/30 Hz 1280×720p @ 30/50/59.94/60 Hz	720×576p @ 50 Hz 720×576i @ 25 Hz 720×480p @ 59.94/60 Hz 720×480i @ 29.97/30 Hz	
VESA⁽³⁾	2560×1600 1920×1200 1680×1050 1600×1200 1600×900 1440×900 1400×1050	1366×768 1360×768 1280×1024 1280×800 1280×768 1152×768 1024×768	
Virtual Reality	2160×1200 @ 90 ⁽¹⁾ Hz (HTC® Vive)		
Color Space	YUV, RGB		
Encoding			
Density	Single encoding engine		
Compression Format	VC-2 (SMPTE-2042)		
Video Quality Optimization	User-selectable: PC Application or Video mode		
Chroma Subsampling	Chroma	PC Application	Video Mode
	4:4:4	Yes	No
	4:2:2	Yes	No
	4:2:0	No	Yes
Color Depth	8-bit, 10-bit, 12-bit		
HDR	HDR10, HLG, Dolby® Vision™		
Bit Rate	Configurable up to 900 Mbps		

Latency	<p>0.5 frame (e.g. 1080p @ 60 Hz latency is < 8 ms between encoder and decoder)</p> <p>1.5 frames in Fast Switching mode (e.g. 1080p @ 60 Hz latency is < 24 ms between encoder and decoder)</p> <p>Note: Unusual network configurations may increase overall latency</p>		
Audio			
Pass-through	LPCM 2.0 LPCM 5.1 LPCM 7.1	Dolby® Digital Dolby Digital Plus Dolby TrueHD Dolby Atmos®	DTS® DTS-HD Master Audio™
Down-mixing	Multichannel LPCM to two-channel LPCM		
Sample Rate	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz		
Bit Depth	Up to 24-bit		
Protocols			
Video Streaming	RTP		
Audio Streaming	RTP, up to 7.1 channels AES67, up to LPCM 7.1 channels		
Addressing	DHCP, static		
Encryption	AES-128		
QoS Tagging	RFC 2475		
Discovery	Multicast DNS, LLDP, SAP		
Management	HTTPS, SSH, Telnet, and WebSockets with TLS		
Authentication	IEEE 802.1x: PEAP/MSCHAPv2 or EAP-TLS		
IP Multicast	IGMPv2 and IGMPv3 support		
Graphics Features			
Text Insertion	Adjustable height/width, scrolling (speed, direction, or static), iterations (up to infinite), positioning, and adjustable color and alpha (transparency) channels.		

Slate / Logo Insertion	PNG file format, adjustable aspect ratio (keep or stretch), horizontal/vertical size, screen position; slate mode can be set to off, manual (image always displayed, superimposed on the source signal, and will remain if source signal is lost), auto (image will only be displayed when source signal is lost).
Control	
RS-232	Device control and configuration; supports baud rates from 2400 to 115200 Bidirectional pass-through from control system to network
IR	Pass-through from control system to network Pass-through from network to control system
Connectors	
HDMI	1 - Type A, 19-pin, female, locking
ETHERNET⁽⁴⁾	1 - RJ45, 10/100/1000 Mbps
RS-232 / IR	1 - Euroblock, 6-pin (2 ports); RS-232 on port 1, IR on port 2
Power	1 - Euroblock, 2-pin
Indicators and Controls	
PWR	1 - LED, tricolor (red, amber, green)
HDMI	1 - LED, bicolor (red, green)
LINK	1 - LED, bicolor (red, green)
ID	1 - Momentary, tact type Provides two separate functions: (1) Sends an identification broadcast message over the network to any listening devices. (2) Reset the unit to factory-default settings.
Reboot	1 - Momentary, tact-type
Power	
PoE	IEEE 802.3af
Consumption	Up to 12 W

External Power Supply (optional)	Input: 110 - 220 V AC, 50/60 Hz Output: 48 V DC, 0.83 A
Environmental	
Cooling System	Front-to-rear airflow, temperature-controlled fans
Operating Temperature	+14 to +122 °F -10 to +50 °C
Storage Temperature	-14 to +140 °F -10 to +60 °C
Operating Humidity (RH)	20% to 95%, non-condensing
Chassis	
Dimensions (H x W x D)	1.34 in x 8.19 in x 4.41 in 34 mm x 208 mm x 112 mm
Weight	1.5 lbs 0.7 kg
Certification	
Device	CE, FCC, CB, RoHS
Supply	CE, FCC, cULus, CB, RCM, RoHS

⁽¹⁾Only supported when Video Quality Optimization is set to Video mode.

⁽²⁾Scaling and deinterlacing are not supported at 1080i.

⁽³⁾All VESA resolutions are 60 Hz.

⁽⁴⁾Maximum distance per hop is 330 feet (100 meters), depending upon network configuration.