

SC-ENC02-4K-Record

HDMI Video Encoder

Model Number:181023231615



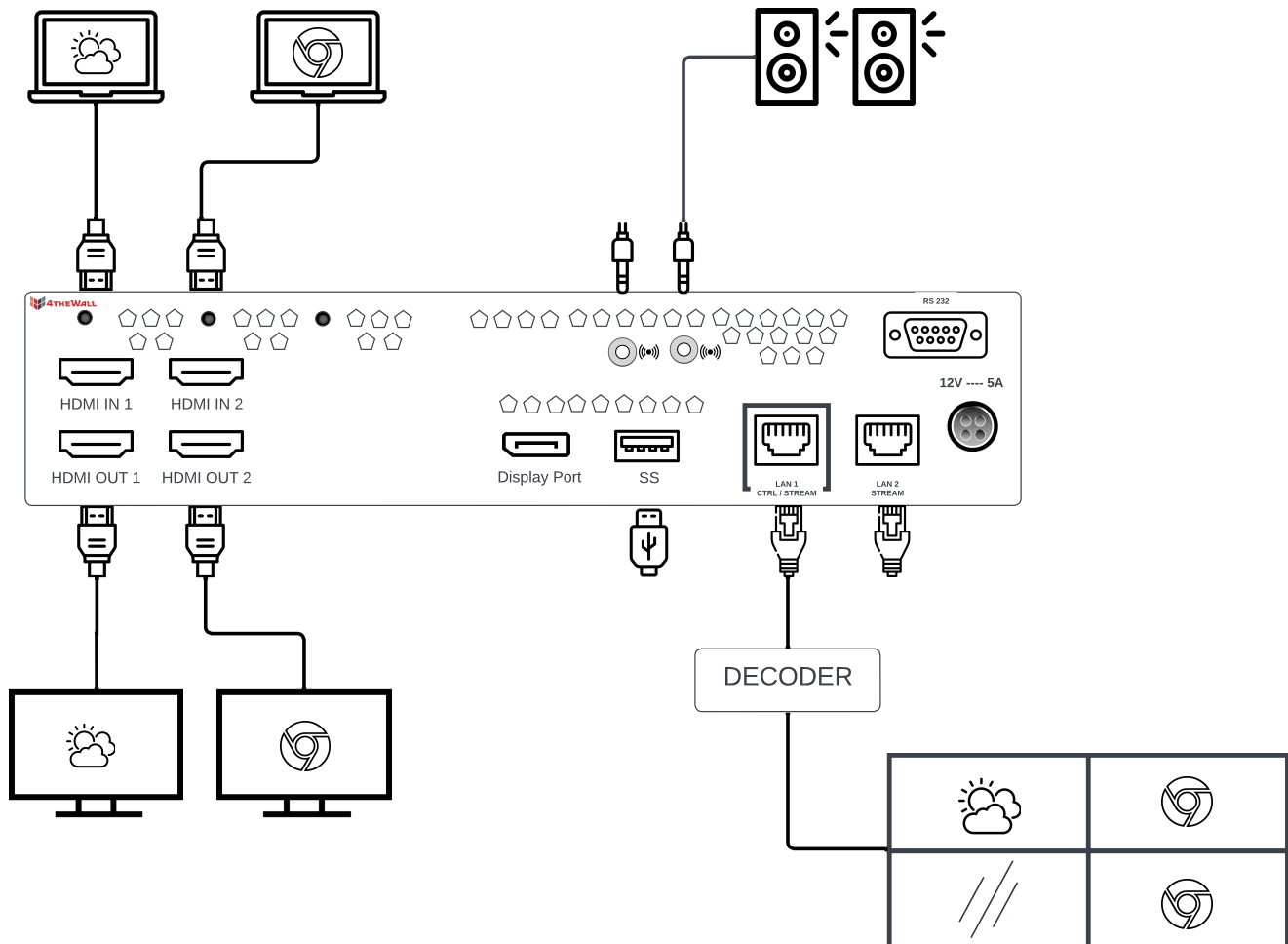
Features

- Supported RGB and YUV8-&10- bit
- Supported color space conversion
- Supported capture resolutions up to 2 x 3840x2160@60Hz or 2 x 4096x2160@60Hz
- Supported 802.1x (EAP-TLS)
- Supported Unicast, Multicast and multi-unicast
- Supported SNMP
- RJ45 input support for broadcasting over IP
- Supports Video H.264/MPEG-4 Part 10 (AVC) ,Audio MPEG-4 AAC-LC/HEV1/HEV2 formats
- Ability to save MP4, MOV and fMP4 file formats
- Supports PiP and PbP modes
- Supports RTSP (TCP), RTCP & RTP (UDP) all required , RTP/RTCP over UDP, SRT, RTMP over UDP,MPEG2.TS and HLS over UDP protocols

Overview

SC-ENC02-4K-Record can be easily transmitted video and audio signals from HDMI input to expanding IP networks

SC-ENC02-4K-Record compressed H.264 technology enables the delivery of all kinds of content over standard 1 Gigabit Ethernet networks with low bitstream and recording speed



Technical Specifications**SC-ENC02-4K-Record****#181023231615**

Input and Output	
Video Inputs	2 x HDMI 2.0 Type A with audio support, 2 x HDMI digital LPCM two-channel stereo audio, 2 x 3.5 mm analog stereo audio, 1 x 3.5 mm stereo mic, 2 x USB 2.0 (front), 1 x USB 3.0 (back)
Audio Inputs	2 x HDMI 2.0 Type A with audio support, 1 x DP 1.1, 4 x HDMI digital LPCM two-channel stereo audio, 1 x 3.5 mm headphones out
Encoding Feature	
Formats (Codecs)	Video : H.264/MPEG-4 Part 10 (AVC) Audio : MPEG-4 AAC-LC/HEV1/HEV2
Chroma Sub-Sampling	4:0:0, 4:2:0 (8-bit & 10-bit)
Encoding Capability	Up to 4 x 3840x2160@30Hz at 4:2:0, 1 x 3840x2160@30Hz at 4:4:4
Profiles	Baseline (BP=), main (MP), high (HiP), high 10 (Hi10P), high 4:2:2 (Hi422P), high 4:4:4 predictive profile separate plane (Hi444PP;), CAVLC 4:4:4 intra (44)
Encoding Level	Up to 5.2
Bitrate Range (Per Stream)^2	50 Kbps to 120 Mbps 15 Mbps (default)
Rate Control	CBR, VBR, adjustable GOP size
Audio Sample Frequency	32 kHz, 44.1 kHz and 48 kHz
Audio Bitrates	Up to 576 Kbps (AAC-LC), 288 Kbps (AAC-HEV1), 144 Kbps (AAC-HEV2)
Video Compositing	Yes, PiP and PbP
Scaling	Yes
Networking Features	
Streaming Protocols	RTSP (TCP), RTCP & RTP (UDP) - all required, RTP/RTCP (both required) over UDP, SRT over UDP, HLS, RTSP over TCP (interleaved)
Command & Control	HTTPS over TCP, UPnP (discovery)
Network Standard	IGMP Version 2&3, 100/1000 base-T Ethernet, auto speed, half/full duplex
IP Addressing	IPv4, IPv6, DHCP (default) and static IP address support
IP Stream Support	Unicast, Multi-Unicast, Multicast
General Features	
Power Connection	100-240V AC 12V DC
Working Temperature	20 - 80°C
Humidity Range	20 - 90% RH (no condensation)
Storage Temperature	10 - 90°C
Dimensions	217mm x 191mm x 43mm - Width/Depth/Height , Metal Enclosure
Mounting	Desktop and Rack optional
Security	802.1x (EAP-TLS) support
Certifications	
EU/USA	CE
Package Details	
Package Content	1 x SC-ENC02-4K-Record, Power Adapter and Power Cables