

Encoder



Stoltzen Apollo 6000 Encoder UHD

AV over IP 3840 x 2160 @ 30Hz

Product number: SA-6000E

Product Description

HDMI 1.4 / HDCP 2.2

3840x2160p @ 30Hz 4: 4: 4 / 3840x2160p @ 60Hz 4: 2: 0

JPEG2000, USB, Local Out, Audio In / Out

Approx 1 ~ 2 fps latency end to end

Control via iPad app, IP Control & Windows app

Up to 150 Mbps bandwidth

Main Specifications

Brand	Stoltzen
Product series	APOLLO
Input Video Type	IP stream
Max Resolution	3840x2160
Output Video Type	HDMI 1.4
Output Video HDCP	HDCP 2.2
Output Resolution	Up to 3840 x 2160@30Hz 4:4:4
End-to-End Time Latency	1 ~ 2 fps
Input Audio Port	1 x gigabit RJ-45 port
Output Audio Port	HDMI: 1 x female HDMI type A (19 pins) Audio Out: 1 x 3.5 mm Stereo jack
Control Method	Front panel link DIP switch, Windows PC configurator (Apollo Configurator), Apollo SA-C, Ipad App, RS232/LAN API
Power Supply	12 V 1 A DC



Extended Specifications

Storage Temperature	-20°C to 70°C (-4°F to 158°F)
EAN	7072262001449
Input Video Port	1 x female RJ-45
All resolutions	3840x2160@60Hz4:2:0 3840x2160@50Hz4:2:0 3840x2160@30Hz4:4:4 3840x2160@24Hz4:4:4 1920x1200@60Hz 1920x1080i@60Hz 1920x1080i@50Hz 1920x1080@60Hz 1920x1080@50Hz 1920x1080@25Hz 1920x1080@24Hz 1680x1050@60Hz 1600x900@60Hz 1600x1200@60Hz 1440x900@60Hz 1400x1050@60Hz 1366x768@60Hz 1360x768@60Hz 1280x960@60Hz 1280x800@60Hz 1280x768@60Hz 1280x720@60Hz 1280x720@50Hz 1280x1024@60Hz 1024x768@60Hz 800x600@60Hz 720x576@50Hz 720x480@60Hz 640x480@60Hz
Average Data Rate	3840 x 2160@30Hz: about 250 Mbps 1080p@60Hz: about 150 Mbps
Output Video Port	1 x female HDMI type A (19 pins)
Video Impedence	100 Ω
Input Audio Format	LPCM 2.0/2.1/5.1/ 7.1; Dolby 5.1/7.1/Atmos;



Output Audio Format	HDMI: LPCM 2.0/2.1/5.1/ 7.1; Dolby 5.1/7.1/Atmos; DTS 5.1/7.1/DTS:X Audio Out: Stereo
Upgrade Tool	Windows Apollo Upgrade
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: $\pm 8\text{kV}$ (Air-gap discharge)/ $\pm 4\text{kV}$ (Contact discharge)
Power Consumption(Max.)	4W (Max.)
Device Dimension (W x H x D)	220 mm x 25 mm x 130.2 mm
Net Weight	0.74kg

