

## 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 Controll & Windows app

Up to 150 Mbps bandwidth

## Main Specifications

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



## Extended Specifications

<b>Storage Temperature</b>	-20°C to 70°C (-4°F to 158°F)
<b>EAN</b>	7072262001449
<b>Input Video Port</b>	1 x female RJ-45
<b>All resolutions</b>	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
<b>Average Data Rate</b>	3840 x 2160@30Hz: about 250 Mbps 1080p@60Hz: about 150 Mbps
<b>Output Video Port</b>	1 x female HDMI type A (19 pins)
<b>Video Impedence</b>	100 Ω
<b>Input Audio Format</b>	LPCM 2.0/2.1/5.1/ 7.1; Dolby 5.1/7.1/Atmos;



<b>Output Audio Format</b>	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
<b>Upgrade Tool</b>	Windows Apollo Upgrade
<b>Humidity</b>	10% to 90%, non-condensing
<b>ESD Protection</b>	Human-body Model: $\pm 8\text{kV}$ (Air-gap discharge)/ $\pm 4\text{kV}$ (Contact discharge)
<b>Power Consumption(Max.)</b>	4W (Max.)
<b>Device Dimension (W x H x D)</b>	220 mm x 25 mm x 130.2 mm
<b>Net Weight</b>	0.74kg

