

## Decoder

### Stoltzen Apollo 6100D Decoder UHD

AV over IP 3840 x 2160@60Hz

Product number: SA-6100D



## Product Description

HDMI 2.0 / HDCP 2.2/2.3

3840x2160p @ 60Hz 4: 4: 4

JPEG2000, USB, Local Out, Audio In / Out

1 Frame latency

Control via iPad app, IP Control & Windows app

3840 x 2160@60Hz: 650Mbps (avg) / 900Mbps (max)

## Main Specifications

<b>Brand</b>	Stoltzen
<b>Color</b>	Black
<b>HDMI version</b>	HDMI 2.0
<b>Product series</b>	APOLLO
<b>Input Video Type</b>	HDMI
<b>Input Video Format</b>	HDCP 2.2/2.3
<b>Max Resolution</b>	3840x2160
<b>Output Video Type</b>	IP stream
<b>Output Video HDCP</b>	HDCP 2.2/2.3
<b>Output Resolution</b>	Up to 3840 x 2160@60Hz 4:4:4
<b>End-to-End Time Latency</b>	1 Frame
<b>Input Audio Port</b>	HDMI: 1 x female HDMI type A Audio In: 1 x 3.5 mm stereo jack



<b>Output Audio Port</b>	HDMI (local output): 1 x female HDMI type A (19 pins) Ethernet output: 1 x female RJ-45 Audio Out: 1 x 3.5 mm stereo jack
<b>Control Method</b>	Front panel link DIP switch, Windows PC configurator (Apollo Configurator), SA-C, Ipad App, RS232/LAN API
<b>Power Supply</b>	12V 2A DC
<b>Bandwidth</b>	1 Gbps

## **Extended Specifications**

<b>Storage Temperature</b>	-20°C to 70°C (-4°F to 158°F)
<b>EAN</b>	7072262011738
<b>Input Video Port</b>	1 x female HDMI type A (19 pins)



<b>All resolutions</b>	3840 x 2160p@60Hz 4:4:4
	3840 x 2160p@50Hz 4:4:4
	3840 x 2160p@30Hz 4:4:4
	3840 x 2160p@24Hz 4:4:4
	1920 x 1080p@60Hz
	1920 x 1080p@50Hz
	1920 x 1080p@25Hz
	1920 x 1080p@24Hz
	1920 x 1080i@60Hz
	1920 x 1080i@50Hz
	1280 x 720p@60Hz
	1280 x 720p@50Hz
	800 x 600@60Hz
	720 x 576p@50Hz
	720 x 480p@60Hz
	640 x 480p@60Hz
	640 x 480@60Hz
	1920 x 1200@60Hz
	1920 x 1080@60Hz
	1680 x 1050@60Hz
	1600 x 900@60Hz
	1600 x 1200@60Hz
	1440 x 900@60Hz
	1400 x 1050@60Hz
	1366 x 768@60Hz
	1360 x 768@60Hz
	1280 x 960@60Hz
	1280 x 800@60Hz
	1280 x 768@60Hz
	1280 x 720@60Hz
1280 x 1024@60Hz	
1024 x 768@60Hz	
<b>Input Video Signal</b>	0.5~1.2 V p-p
<b>Input DDC Signal</b>	5 V p-p (TTL)
<b>Average Data Rate</b>	650Mbps
<b>Output Video Port</b>	1 x female RJ-45 Ethernet output
<b>Video Impedence</b>	100 Ω
<b>Maximum Pixel Clock</b>	600 MHz
<b>Max Video Data Rate</b>	18 Gbps (6 Gbps per color)
<b>Input 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 In: stereo



<b>Output Audio Format</b>	Ethernet: Dolby 5.1/Dolby True HD/Dolby Digital Plus, DTS 5.1/DTS HD/DTS True HD, LPCM 2.0/2.1/5.1/7.1 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>	8.5W (Max)
<b>Device Dimension (W x H x D)</b>	215 mm x 25 mm x 120 mm
<b>Net Weight</b>	0.74kg
<b>Certifications</b>	RoHS, REACH

