

ANT-2551, 1 x HD-SDI Channel Input H.265 HD 1080P60 Video Encoder
Product Code: ANT-2551



Key Features

- 1920 x 1080 P60 Max Resolution
- H.265 or H.264 Video Encoder
- 1 x HD-SDI Inputs & Output
- HTTP, RTSP, RTMP and MPEG-TS over UDP Streaming Supported

Product Overview

ANT-2051, 1 x HD-SDI Channel Input H.265 or H.264 HD 1080P60 Video Encoder, capable of 1 x (1920 x 1080) at 60 frames per sec encode with quad streaming using an IP LAN ethernet connection. The input is 1 x HD-SDI. Input and output are provided to allow for signal bypassing or looping. Multiple streaming formats are supported such as HTTP, RTSP, RTMP and MPEG-TS over UDP. The encoder is powered via 12V but has an internal AC to 12v DC converter. A single IEC kettle lead style socket with power lead supplied.

AAC G711 and MP3 audio is supported with 1 channel embedded audio in HD-SDI, 1 channel 3.5mm independent audio.

There is no RS232/485/422 2 way serial data communication, motion detection, sensor and alarm I/O, please see the ANT-35000A/H for this feature.

Rack mountable 1U style case with 4 individual encoders housed within 1 case.

For a 4 x HD-SDI input variant of this product see ANT-2554.

Integrated with Hudl Sportscodes software

A few of the applications are:

- ✓ Encode a PC screen and send to a VMS for monitoring, recording and litigation purposes
- ✓ Encode video from a piece of medical equipment and send to remote consultant to oversee the procedure
- ✓ Encode multiple Set Top Boxes for viewing remotely elsewhere

This product is not limited to the markets and applications described. Please download or full application catalogue [here](#).

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Technical Specification

		ANT-2551
System	Mode	Encoder
System	Standards	ONVIF Discovery, RTSP, RTMP, HTTP, MPEG-TS
System	Latency	>150mS (system dependant)
Video	Compression	H.265 or H.264
Video	Profile	Base, Main or High
Video	Frame Rate	1-60 fps
Video	Bit Rate	16-12 mbps
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	320 x 180
Video	Max Resolution	1920 x 1080
Video	Number of Streams	Primary 1 x H.265 or 1 x H.264 / Secondary 1 x H.265 or 1 x H.264
Video	Inputs	1 x HD-SDI
Video	Input Combinations	1 Input
Video	Outputs	1 x HD-SDI
Video	Output Combinations	1 Output
Video	On Screen Display	English
Audio	Mode	Simplex Stereo
Audio	Compression	G.711 + AAC + MP3
Audio	Sample Rate	G711 = 8KHz , AAC= 32/44.1kHz MP3 = 32/44.1kHz
Audio	Bit Rate	G711=64kbps, AAC= 24-256kb/s MP3 = 24-256kb/s
Audio	Streaming	1 Way Stereo
Audio	Inputs	Analogue Stereo Jack (1vpp) or 1 Channel HD-SDI Embedded Audio
Audio	Outputs	Embedded Audio
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4, TCP, UDP, IGMP(Multicast), DHCP, HTTP, RTP, RTSP, DNS
Network	Security	Password Protection
Network	Configuration	SDK, WEB
Data	Type	N/A
Data	Interface	N/A
Data	Protocol	N/A
Data	Alarm	N/A
Data	Sensor	N/A
Event	Sources	N/A
Event	Actions	N/A
Power	Supply	12v
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	9.6w
Recording	Edge Storage	N/A
Temperature	Operating Range	0 + 50C
Physical	Dimensions	147 x 100 x 40 mm (rough)
Physical	Weight	1.5kg (rough)
Physical	Housing	Black Aluminum
General	Certifications	CE , FCC, RoHS
General	Software	N/A
General	Warranty	12 Months
General	Remote	N/A
General	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	API
	Upgrade	Firmware Upgrade
In the Box	Contents	Encoder , Internal Power Supply & Lead, 4 x HDMI, & Rack Mount
	Power Cable/adaptor	1 of either UK/US/EU/China/Aus