

ANT-2400B Mini 4K HDMI & DVI H.265 HD UHD H.265 or H.264 4K Video Encoder
Product Code: ANT-2400B



Key Features

- 3840 x 2160 P30 Max Resolution
- H.265 or H.264 Encoder
- HDMI & DVI Inputs (DVI requires dongle)
- ONVIF discovery, HTTP, RTSP, RTMP and MPEG-TS over UDP Streaming Supported

Product Overview

ANT-2400 Mini 4K HDMI & DVI H.265 HD UHD H.265 or H.264 4K Video Encoder, capable of up to a maximum 3840 x 2160 at 30 frames per sec encode with Dual stream streaming (Primary 1 x H.264 or H. 265 / Secondary 1 x H.264 or H.265) using an IP LAN ethernet connection. This allows compatibility with all existing and future streaming decoder systems both software and hardware based.

Other Encoder input resolutions like 1080 and 720 supported as well as scaled output streams. The new H.265 range has been introduced for customers who need lower bit rate video transfer over LAN or WAN networks – often due to internal network limitations, whilst maintaining high quality video.

Applications using 4G where high quality high resolution video streams are required are ideal for this encoder. The ANT-2400 is also physically small and runs off a 12v DC power supply.

The inputs are HDMI & DVI (with adapter).

There is no HDMI output connections for looping on this encoder. Multiple streaming formats are supported RTSP, RTMP, HTTP, MPEG-TS plus ONVIF Discovery,

The encoder is powered via a 12v DC power source. AAC & MP3 audio is supported with embedded audio in HDMI or analogue input.

There is no RS232/485/422 2 way serial data communication, motion detection, sensor and alarm I/O, please see the ANT-38000 for this feature (at 4K resolutions – other encoders such as ANT-35000A available at lower HD resolution encoding).

This product can be paired with the ANT-37000 (SpotBox4K) to offer a full 4K encoding and decoding solution over standard LAN IP connections.

Size: 110 x 112 x 33 mm Weight: 1kg Power Supply: 12v DC Power Consumption: TBC

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Technical Specification

		ANT-2400
System	Mode	Encoder
System	Standards	ONVIF (Not Profile S), RTSP, RTP, RTMP, HTTP, UDP, TCP
System	Latency	>150mS
Video	Compression	H.264 (MJPEG-4) / H.265 (HEVC)
Video	Profile	Baseline & High H264 plus HEVC
Video	Frame Rate	5-60 fps (Max at UHD 3840x2160 is 30fps)
Video	Bit Rate	16kbps-50 mbps
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	320 x 180
Video	Max Resolution	3840 x 2160 (2560x1600, 2560x1440, 2048x1152, 1080 and 720P)
Video	Number of Streams	Primary 1 x H.265 & 1 Secondary H.265 or Primary 1 x H.264 & Secondary H.264
Video	Inputs	1 x HDMI
Video	Input Combinations	Any 1 Input
Video	Outputs	N/A
Video	Output Combinations	N/A
Video	On Screen Display	English
Audio	Mode	Full Duplex Stereo
Audio	Compression	MP3 + AAC + G711
Audio	Sample Rate	G711 = 8Khz, AAC= 32/44.1/48kHz
Audio	Bit Rate	G711=64kbps, AAC= 64/128kb/256Kbs
Audio	Streaming	1 Way Stereo
Audio	Inputs	Line In, HDMI Audio
Audio	Outputs	N/A
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	ONVIF (Not Profile S), RTSP, RTP, RTMP, HTTP, UDP, TCP
Network	Security	Password Protection, HTTP
Network	Configuration	SDK, API, HTTP
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 (Compact Size)
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	TBC
Recording	Edge Storage	Micro SD Card
Temperature	Operating Range	0C to + 50C (storage temp -40C - +70C)
Physical	Dimensions	110 x 112 x 33mm
Physical	Weight	1kg
Physical	Housing	Black Aluminum
General	Certifications	CE, FCC, RoHS
General	Software	IP Finder + VMS
General	Warranty	12 Months
General	Remote	N/A
General	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	API + SDK
	Upgrade	Firmware Upgrade
In the Box	Contents	Encoder, 12v DC Power Supply, Country converters HDMI Audio Ethernet
	Power Cable/adaptor	1 of either UK/US/EU/China/Aus