



ANT-2400

Mini 4K HDMI & DVI H.264/265 HD UHD Video Encoder



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. 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 USB 5v power which makes the encoder extremely portable.

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

KEY FEATURES

- ✦ Small footprint
- ✦ Micro SD card recording
- ✦ 5v USB powered
- ✦ Up to 3840 x 2160 resolution @ 30fps (4K/UHD)
- ✦ H.264 or H.265 Encoder
- ✦ HDMI & DVI Inputs
- ✦ ONVIF discovery
- ✦ HTTP, RTSP, RTMP & MPEG-TS over UDP Streaming
- ✦ AAC & MP3 audio
- ✦ Embedded audio in HDMI

.....delivering seamless network solutions



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TECHNICAL SPECIFICATION

VERSION: 2.1 – APR'19

ENCODING	
Encoder Standards	ONVIF, RTSP, RTP, RTMP, HTTP, UDP, TCP
Latency	>150ms
WAN	4 x LTE/DC-HSPA+ modems with hot swap SIM carriers 1 x GB Ethernet
VIDEO	
Compression	H.264 (MJPEG-4) & H.265 (HEVC)
Profile	Baseline & High H.264 plus HEVC
Frame Rate	5-60fps (Max at UHD is 30fps)
Bit Rate	16kbps – 50mbps
Mode	GOP
Bit Rate Control	CBR, VBR
Minimum Resolution	320 x 180
Maximum Resolution	3840 x 2160 (2560x1600, 2560x1440, 2048x1152, 1080 and 720P)
Number of Streams	Primary 1 x H.265 & 1 Secondary H.265 or Primary 1 x H.264 & Secondary H.264
Inputs	1 x HDMI
Input Combinations	Any 1 Input
AUDIO	
Mode	Full Duplex Stereo
Compression	MP3 + AAC + G711
Sample Rate	G711 = 8Khz, AAC= 32/44.1/48kHz
Bit Rate	G711=64kbps, AAC= 64/128kb/256Kbs
Streaming	1 Way Stereo
Inputs	Line In, HDMI Audio
NETWORK	
Interface	10-100 Ethernet RJ45
Protocols	ONVIF (Not Profile S), RTSP, RTP, RTMP, HTTP, UDP, TCP
Security	Password Protection, HTTP
Configuration	SDK, API, HTTP
RECORDING	
Edge Storage	Micro SD Card
PHYSICAL	
Dimensions	103 x 62 x16 mm
Weight	100 grams
Housing	Black Aluminium
Operating Temperature	0C to + 50C (storage temp -40C – +70C)
Certifications	CE, FCC, RoHS
Software	IP Finder + VMS
Power	12v (Compact Size PSU)
PSU Input	110v – 240v AC
PSU Output	12v dc
Power Consumption	5W

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