ANT-2200 HDMI & DVI H.265 + H264 HD 1080P60 Video Encoder
Product Code: ANT-2200

Key Features

- 1920 x 1080 P60 Max Resolution (Primary 1 x H.264 or H.265 / Secondary 1 x H.264 or H.265)
- H.265 or H.264 Encoder
- HDMI & DVI Inputs & Outputs
- ONVIF discovery, HTTP, RTSP, RTMP and MPEG-TS over UDP Streaming Supported

Product Overview

ANT-2200 dual Stream HDMI & DVI Input H.265 or H.264 HD 1080P60 Video Encoder, capable of up to a maximum 1920 x 1080 at 60 frames per sec encode with single 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.
Ideal for encoding Set Top Box outputs , PC or Laptop outputs and streaming for remote view and record.
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. The key selling point of these new products is their affordability being a low-cost H.265 encoder range – which also have the flexibility to encode in either H.264 or H.265 using the most popular input connection HDMI (and DVI with an adapter).
The inputs are HDMI & DVI. The inputs and outputs are provided to allow for signal bypassing or looping.
Multiple streaming formats are supported such as ONVIF Discovery, RTSP, RTMP,HTTP, MPEG-TS
The encoder is powered via 12V.
AAC, G711 & MP3 audio is supported with embedded audio in HDMI and analogue stereo jack input.
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.
Size: 147 x 100 x 40mm
Weight: 295g

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 the output of a set top box 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-2200
System	Mode	Encoder
System	Standards	ONVIF Discovery, RTSP, RTMP,HTTP, MPEG-TS
System	Latency	>150mS (system dependant)
Video	Compression	H.264 or H.265
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.264 or H.265 / Secondary 1 x H.264 or H.265
Video	Inputs	1 x HDMI (DVI)
Video	Input Combinations	Any 1 Input
Video	Outputs	1 x HDMI (DVI)
Video	Output Combinations	Any 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 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 40mm
Physical	Weight	295g
Physical	Housing	Silver 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 , 12v Power Supply & Lead, HDMI, & Fixing Kit
	Power Cable/adapter	1 of either UK/US/EU/China/Aus
General	Certifications	CE , FCC, RoHS
	Software	IP Finder + VMS
	Warranty	12 Months
	Remote	N/A
	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	Web or ONVIF
	Upgrade	Firmware Upgrade
In the Box	Contents	Camera , 12v Power Supply
	Power Cable/adapter	UK/US/EU/China/Aus