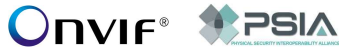**ANT-38500 4K UHD HDMI ONVIF H.265 or H.264 4KP60 Video Encoder or Decoder**
Product Code: ANT-38500

Key Features

- 4096 x 2160 P60 Resolution via HDMI
- ONVIF Profile S H.265 or H.265 Video Encoder or Decoder
- HDMI Input & Output
- MPEG-TS, UDP, HTTP, SMTP, FTP, DHCP, DNS, dDNS, RTP, RTSP & SNMP Streams Supported

Product Overview

ANT-38500 4K UHD HDMI,HD-SDI & Composite Input ONVIF H.265 or H.264 4KP60 Video Encoder or Decoder, capable of up to a maximum 4096 x 2160 at 60 fps (frames per second) using an IP LAN ethernet connection. This product replaces the ANT-38000.

The inputs are HDMI with full ONVIF profile S control for integration with VMS software, such as Milestone / Exac etc. The inputs and outputs are provided to allow for signal bypassing or looping. This product can also be used as a decoder.

Multiple streaming formats are supported such as MPEG-TS, UDP, HTTP, SMTP, FTP, DHCP, DNS, dDNS, RTP, RTSP & SNMP.
The encoder has on board recording via USB for monitoring and litigation purposes and can be powered via 12V or PoE.
AAC and G711 two way audio is supported with embedded audio in HDMI or analogue stern jack (1vpp).
RS232/485/422 2 way serial data communication, motion detection , sensor and alarm I/O.
Rack mountable with 1U rack mount kit available supporting up to 3 encoders.

A few of the applications are:

- ✅ Encode a 4K UHD PC screen and send to a VMS for monitoring, recording and litigation purposes
- ✅ Encode 4K UHD video from a piece of medical equipment and send to remote consultant to oversee the procedure
- ✅ Encode the screen of a NVR or DVR 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-38500
System	Mode	Encoder or Decoder
System	Standards	ONVIF Profile S, RTSP, RTP, RTMP, MPEG-TS HTTP
System	Latency	>150mS (system dependant)
Video	Compression	H265 H.264 (MJPEG)
Video	Profile	Baseline & High
Video	Frame Rate	1- 60fps (60fps @ 4K Res)
Video	Bit Rate	32-48MB/s mbps primary , 32K-4MBPS secondary
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	352 x 240 P60
Video	Max Resolution	3840 x 2160 (HDMI)
Video	Number of Streams	Primary 1 x H.264 /265/ Secondary 3 x H.264/265/ MJPEG
Video	Inputs	1x HDMI input 2.0
Video	Input Combinations	HDMI
Video	Outputs	1 x HDMI
Video	Output Combinations	HDMI
Video	On Screen Display	Multi-Lingual
Audio	Mode	Full Duplex Stereo
Audio	Compression	G.711 + AAC
Audio	Sample Rate	G711 = 8Khz , AAC= 32/44.1/48kHz
Audio	Bit Rate	G711=64kbps, AAC= 64/128kb/s
Audio	Streaming	2 Way Stereo
Audio	Inputs	Analogue Stereo Jack (1vpp) or Embedded Audio
Audio	Outputs	Analogue Stereo Jack (1vpp) or Embedded Audio
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP,HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP,DNS
Network	Security	Password Protection, Ip Address Filtering, HTTPS
Network	Configuration	SDK, ONVIF, WEB
Data	Type	Serial 2 Way
Data	Interface	RS232, RS422, RS485
Data	Protocol	Pelco D + others
Data	Alarm	2 Output + Buzzer
Data	Sensor	2 Input
Event	Sources	Motion, Sensor Input, Client Disconnection
Event	Actions	Email, FTP, PTZ Preset , Alarm Control, Recording
Power	Supply	PoE or 12v
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	12w
Recording	Edge Storage	USB 3.0
Temperature	Operating Range	-10 + 50C
Physical	Dimensions	133 x 125 x 32mm
Physical	Weight	620g
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
	Upgrade	Firmware Upgrade
In the Box	Contents	Encoder , 12v Power Supply & Lead & Fixing Kit
	Power Cable/adapter	1 of either UK/US/EU/China/Aus