

ANT-2014, 4 x HDMI & DVI Channel Input H.264 HD 1080P60 Video Encoder Product Code: ANT-2014





Key Features

- 1920 x 1080 P60 Max Resolution
- H.264 Video Encoder
- 4 x HDMI or DVI Inputs & Outputs
- HTTP, RTSP, RTMP and MPEG-TS over UDP Streaming Supported

Product Overview

ANT-2014, 4 x HDMI & DVI Channel Input H.264 HD 1080P60 Video Encoder, capable of up to a maximum 4 x (1920 x 1080) at 60 frames per sec encode with quad streaming using an IP LAN ethernet connection. The inputs are 4 x HDMI or DVI. Inputs and outputs 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 embedded audio in HDMI.

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..

A few of the applications are:

- Encode a PC screen and send to a VMS for monitoring, recording and litigation purposes
- Sencode 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



ANT-2014, 4 x HDMI & DVI Channel Input H.264 HD 1080P60 Video Encoder Product Code: ANT-2014

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		ANT-2014
System	Mode	Encoder
System	Standards	ONVIF Discovery, RTSP, RTMP,HTTP, MPEG-TS
System	Latency	>150mS (system dependant)
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Video	Compression	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 4 x H.264 / Secondary 4 x H.264
Video	Inputs	4 x HDMI (DVI)
Video	Input Combinations	All 4 Input
Video	Outputs	4 x HDMI (DVI)
Video	Output Combinations	All 4 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	Turne	N1/A
Data	Type	N/A
Data	Interface Protocol	N/A N/A
Data Data	Alarm	N/A
Data	Sensor	N/A
Data	Sensor	IN/A
Event	Sources	N/A
Event	Actions	N/A
LVEIIC	Actions	IN/A
Power	Supply	12v Internal
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	240v Internal
Power	Consumption	39w
	consumption	5511
Recording	Edge Storage	N/A
Temperature	Operating Range	0 + 50C
	- I special grade	
Physical	Dimensions	490 x 290 x 44 mm
Physical	Weight	3.3kg
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/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 0 C · · ·	Cattle	Walandara ANI Daniman
Control & Set Up	Set Up	Web Interface API Document
	Control	Web or ONVIF
In the Day	Upgrade	Firmware Upgrade
In the Box	Contents	Camera , 12v Power Supply
	Power Cable/adapter	UK/US/EU/China/Aus



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



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

Product Code: ANT-2200

		ANT-2200		
		MIVI-2ZUU		
System	Mode	Encoder		
System	Standards	ONVIF Discovery, RTSP, RTMP,HTTP, MPEG-TS		
System	Latency	>150mS (system dependant)		
System -	Lateria	- 250mb (system dependancy		
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		
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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		
Audio	Outputs	Linbedded Addio		
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		
Network	Configuration	JUN, WED		
Data	Torac	N1/A		
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		
	Contents	Camera , 12v Power Supply		
In the Box				



ANT-2210 Portable Battery Powered HDMI & DVI H.265 HD 1080P60 Video Encoder

Product Code: ANT-2210





Key Features

- 920 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 (DVI requires dongle)
- ONVIF discovery, HTTP, RTSP, RTMP and MPEG-TS over UDP Streaming Supported

Product Overview

ANT-2210 Mini Battery Powered Portable HDMI & DVI H.265 & H.264 HD 1080P60 Video Encoder, capable of up to a maximum 1920 x 1080 at 60 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.

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. There is no output connections for looping on this encoder. Multiple streaming formats are supported such as ONVIF Discovery, RTSP, RTMP,HTTP, MPEG-TS The encoder is powered via the internal Lithium battery or via 5v USB charging.

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 &ANT-35000H for this feature.

Size: 102 x 71 x 25 Weight: 220g

Power Supply: 5v DC USB External (via USB Cable) or Internal Lithium Cell (2-3 Hour Battery Life)

Power Consumption: 5w

A few of the applications are:

- Encode a laptop screen and send to a VMS for monitoring, recording and litigation purposes. may be powered from laptop
- o Encode video from a piece of medical equipment and send to remote consultant to oversee the procedure
- Encode HDMI one the moveThis product is not limited to the markets and applications described.

Please download or full application catalogue here.



ANT-2210 Portable Battery Powered HDMI & DVI H.265 HD 1080P60 Video Encoder

Product Code: ANT-2210

Mode Standards Latency Compression Profile	ANT-2210 Encoder ONVIF Discovery, RTSP, RTMP,HTTP, MPEG-TS >150mS (system dependant)
Standards Latency Compression	ONVIF Discovery, RTSP, RTMP,HTTP, MPEG-TS
Standards Latency Compression	ONVIF Discovery, RTSP, RTMP,HTTP, MPEG-TS
Latency Compression	
Compression	>150mS (system dependant)
· ·	<u> </u>
· ·	H.264 or H.265
Tronic	Base, Main or High
Frame Rate	1-60 fps
Bit Rate	16-12 mbps
Mode	GOP
Bit Rate Control	CBR, VBR
Min Resolution	320 x 180
Max Resolution	1920 x 1080
Number of Streams	Primary 1 x H.264 or H.265 / Secondary 1 x H.264 or H.265
Inputs	1 x HDMI (DVI)
Input Combinations	Any 1 Input
	N/A
	N/A
On Screen Display	English
Mada	Cimpley Stores
	Simplex Stereo G.711 + AAC + MP3
<u> </u>	G711 + AAC + MP3 G711 = 8Khz , AAC= 32/44.1kHz MP3 = 32/44.1kHz
	G711=8KNZ, AAC=32/44.1KHZ MP3=32/44.1KHZ G711=64kbps, AAC=24-256kb/s MP3=24-256kb/s
	1 Way Stereo
	Analogue Stereo Jack (1vpp) or Embedded Audio
· ·	N/A
	<u> </u>
Interface	10-100 Ethernet RJ45
Protocols	IPv4, TCP, UDP, IGMP(Multicast), DHCP,HTTP, RTP,RTSP, DNS
Security	Password Protection
Configuration	SDK, WEB
Туре	N/A
Interface	N/A
Protocol	N/A
Alarm	N/A
Sensor	N/A
	N/A
Actions	N/A
Cumply	Ev LISB External or Internal Lithium Coll
	5v USB External or Internal Lithium Cell USB Cable
	5v DC
	5w
Consumption	5**
Edge Storage	N/A
Operating Range	0 + 50C
Dimensions	102 x 71 x 25
Weight	220g
Housing	Silver Aluminum
C. difference	CE FOO DAIR
	CE , FCC, RoHS
	N/A
	12 Months
	N/A Web or external
INCOCL	WED OF EXCEINE
Set I In	Web Interface API Document
	API
	Firmware Upgrade
	Encoder , 5v USB Power Supply &USB Lead &HDMI
Power Cable/adapter	1 of either UK/US/EU/China/Aus
Certifications	CE , FCC, RoHS
Software	IP Finder + VMS
Warranty	12 Months
Remote	N/A
Reset	Web or external
1	
Set Up	Web Interface API Document
Control	Web or ONVIF
<u> </u>	
	Input Combinations Outputs Output Combinations On Screen Display Mode Compression Sample Rate Bit Rate Streaming Inputs Outputs Interface Protocols Security Configuration Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Dimensions Weight Housing Certifications Software Warranty Remote Power Cable/adapter Certifications Software Varranty Remote Possero Cable/adapter Certifications Software Varranty Remote Reset Certifications Software Varranty Remote Certifications Software Varranty Remote Certifications Software Varranty Remote



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

Product Code: ANT-2400





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 USB 5v power which makes the encoder extremely portable.

The inputs are HDMI & DVI. 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 5v USB 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 100 x 40 mm

Weight: 1kg

Power Supply: 5v DC USB External (via USB Cable) Power Consumption: 5w



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

Product Code: ANT-2400

		ANT-2400
C	B 4 I -	Franks
System System	Mode Standards	ONVIF (Not Profile S), RTSP, RTP, RTMP, HTTP, UDP, TCP
System	Latency	>150mS
	Lucency	7 1301113
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
A alt -	NAI -	E-II D color Charac
Audio	Mode	Full Duplex Stereo
Audio Audio	Compression	MP3 + AAC + G711 G711 = 8Khz , AAC= 32/44.1/48kHz
Audio	Sample Rate Bit Rate	G711=8KNZ, AAC= 32/44.1/48KHZ G711=64kbps, AAC= 64/128kb/256Kbs
Audio	Streaming	1 Way Stereo
Audio	Inputs	Line In , HDMI Audio
Audio	Outputs	N/A
rtadio	Outputs	
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	Туре	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
	rtetions	
Power	Supply	12v (Compact Size)
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	5w
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Recording	Edge Storage	Micro SD Card
.	0	004
Temperature	Operating Range	0C to + 50C (storage temp -40C - +70C)
Physical	Dimensions	103 x 62 x16 mm
Physical	Weight	100 grams
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
In the Day	Upgrade	Firmware Upgrade
In the Box	Contents Power Cable/adapter	Encoder, 5v Power Supply, Country converters HDMI Audio Etherr 1 of either UK/US/EU/China/Aus



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 encoderMultiple 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



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

Product Code: ANT-2400B

		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)
M. d	No made and a Change and a	Primary 1 x H.265 & 1 Secondary H.265 or Primary 1 x H.264 &
Video	Number of Streams	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
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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	Туре	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
		Encoder , 12v DC Power Supply, Country converters HDMI Audio
In the Box	Contents	Ethernet
.	Power Cable/adapter	1 of either UK/US/EU/China/Aus
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ANT-2504, 4 x HD-SDI Channel Input H.264 HD 1080P60 Video Encoder

Product Code: ANT-2504





Key Features

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

Product Overview

ANT-2054, 4 x HD-SDI Channel Input H.264 HD 1080P60 Video Encoder, capable of up to a maximum 4 x (1920 x 1080) at 60 frames per sec encode with quad streaming using an IP LAN ethernet connection. The inputs are 4 x HD-SDI. Inputs and outputs 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.

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



ANT-2014, 4 x HDMI & DVI Channel Input H.264 HD 1080P60 Video Encoder Product Code: ANT-2014

		ANT-2504
Custom	Mada	Facadas
System	Mode Standards	Encoder ONVIF Discovery, RTSP, RTMP,HTTP, MPEG-TS
System System	Latency	>150mS (system dependant)
Зузсені	Latericy	>130m3 (system dependant)
Video	Compression	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 4 x H.264 / Secondary 4 x H.264
Video	Inputs	4 x HD-SDI
Video	Input Combinations	All 4 Input
Video	Outputs	4 x HD-SDI
Video	Output Combinations	All 4 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 SDK, WEB
Network	Configuration	SDR, WEB
Data	Tuno	N/A
Data	Type Interface	N/A
Data	Protocol	N/A
	Alarm	
Data Data	Sensor	N/A N/A
Dala	Sensor	N/A
Frank	Sources	N/A
Event Event	Actions	N/A
Event	Actions	IN/A
Power	Supply	12v Internal
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	240v Internal
Power	Consumption	39w
i owei	Consumption	35W
Recording	Edge Storage	N/A
Temperature	Operating Range	0 + 50C
Physical	Dimensions	490 x 290 x 44 mm
Physical	Weight	3.3kg
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/adapter	1 of either UK/US/EU/China/Aus
General	Certifications	CE , FCC, RoHS
	Software	IP Finder
	Warranty	12 Months
	Remote	N/A
	Reset	Web or external



ANT-3300 Composite Input ONVIF H.264 SD 576i 480i Video Encoder or Decoder

Product Code: ANT-3300









Key Features

- 720 x 576i / 480i P30 Max Resolution (PAL NTSC)
- ONVIF Profile S H.264 Video Encoder or Decoder
- 1 x Composite / D1 Inputs & Outputs
- IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero
- Configuration, NTP,DDNS Streaming Supported
- · Encoder or Decoder

Product Overview

ANT-3300 1 x Composite D1 Input ONVIF H.264 SD 576i Video Encoder or Decoder, capable of up to a maximum 720 x 576i SD at 30 fps video streams encode with single streaming using an IP LAN ethernet connection.

The inputs are 1 x single Composite or D1. The inputs and outputs are provided to allow for signal bypassing or looping. This product can also be used as a dedicated decoder with CVBS (composite) output. Multiple streaming formats are supported such as IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero Configuration, NTP, DDNS.

The encoder has on board recording via USB for monitoring and litigation purposes and can be powered via 12V or PoE.

AAC and G.711 audio is supported, with analogue audio support.

RS232/485/422 2 way serial data communication, motion detection, sensor and alarm I/O.

A few of the applications are:

Encode a lower resolution older CCTV video camera for streaming in IP format to a VMS or recording device or decoder



ANT-3300 Composite Input ONVIF H.264 SD 576i 480i Video Encoder or Decoder Product Code: ANT-3300

System			
System			
System			ANT-3300
System	Suctom	Mode	Encoder / Deceder
Video	•		,
Video Compression H.264 (MIPEG) Video Profile Baseline & High Video Frame Rate 1.30 fps Video Bit Rate 32.10 mbps Video Mis Resolution 352 x 240 Video Mis Resolution 352 x 240 Video Mis Resolution 352 x 240 Video Mis Resolution 25 x 576/480 Video Mumber of Streams Primary 1 x H.264 / Secondary 1 x H.264 or MJPEG Video Munther of Streams Primary 1 x H.264 / Secondary 1 x H.264 or MJPEG Video Input Streams Video Input Any 1 input Video Output Combinations Any 1 input Audio Mode Full Duplex Stereo Audio Compression G.711 * AAC Audio Streaming EWR.2 k AC * 64/128kb/s Audio <td></td> <td></td> <td></td>			
Video			
Video Frame Rate 1.30 fps Video Bit Rate 32-10 mbps Video Mode GOP Video Mode GOP Video Mode GOP Video Min Resolution 352 x 240 Video Mar Resolution 725 x 576/480 Video Number of Streams Primary 1 x + 1264 / Secondary 1 x H 264 or MJPEG Video Input Combinations Any 1 Input Video Output Combinations Any 1 Output Video Output Multi-Lingual Audio Mode Full Duplex Stereo Audio Compression G.711 + ARC Audio Sample Rate G731 - 8Kbr, AAC = 32/44.1/48kHz Audio Streaming 2 Way Stereo Audio Input Analogue Stereo Jack (1ypp) Audio Input	Video	Compression	H.264 (MJPEG)
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Audio	Audio	Mode	Full Duplex Stereo
Audio			
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Power Consumption 7.2w Recording Edge Storage USB Temperature Operating Range -10 + 50C Physical Dimensions 134 x 125 x 37 mm Physical Weight 480g Physical Housing Black/Silver 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 & Set Up Set Up Firmware Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & 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 General 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 General Certifications CE , FCC, RoHS Software IP Finder + VMS Warranty 12 Months Remote N/A	Power	Adapter input volts	AC 110-240v
Recording Edge Storage USB Temperature Operating Range -10 + 50C Physical Dimensions 134 x 125 x 37 mm Physical Weight 480g Physical Housing Black/Silver 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 & Set Up Set Up Firmware Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & 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 Warranty 12 Months	Power	Adapter Output Voltage	12v DC
Temperature Operating Range -10 + 50C Physical Dimensions 134 x 125 x 37 mm Physical Weight 480g Physical Housing Black/Silver Aluminum General Certifications CE , FCC, RoHS General Software IP Finder + VMS General Remote N/A General Reset Web or external Control & Set Up Set Up Web Interface API Document Control API Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & 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 Warranty IP Sinder + VMS Warranty IP Sinder + VMS Remote N/A	Power	Consumption	7.2w
Temperature Operating Range -10 + 50C Physical Dimensions 134 x 125 x 37 mm Physical Weight 480g Physical Housing Black/Silver Aluminum General Certifications CE , FCC, RoHS General Software IP Finder + VMS General Remote N/A General Reset Web or external Control & Set Up Set Up Web Interface API Document Control API Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & 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 Warranty IP Sinder + VMS Warranty IP Sinder + VMS Remote N/A			
Physical Dimensions 134 x 125 x 37 mm Physical Weight 480g Physical Housing Black/Silver 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 & Set Up Firmware Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & 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	Recording	Edge Storage	USB
Physical Dimensions 134 x 125 x 37 mm Physical Weight 480g Physical Housing Black/Silver 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 & Set Up Firmware Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & 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	_		
Physical Weight 480g Physical Housing Black/Silver 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 General Certifications CE , FCC, RoHS Software IP Finder + VMS Warranty 12 Months Remote N/A	Temperature	Operating Range	-10 + 50C
Physical Weight 480g Physical Housing Black/Silver 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 General Certifications CE , FCC, RoHS Software IP Finder + VMS Warranty 12 Months Remote N/A	District.	Binancian	424 425 27
Physical Housing Black/Silver 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 General Certifications CE , FCC, RoHS Software IP Finder + VMS Warranty 12 Months Remote N/A	_ '		
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 General Certifications CE , FCC, RoHS Software IP Finder + VMS Warranty 12 Months Remote N/A			
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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 In the Box Contents Encoder , 12v Power Supply & Lead & 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	General	Certifications	CF FCC RoHS
General Warranty 12 Months General Remote N/A General Reset Web or external Control & 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 General Certifications CE , FCC, RoHS Software IP Finder + VMS Warranty 12 Months Remote N/A			
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General Reset Web or external Web Interface API Document Control & API Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & Fixing Kit Power Cable/adapter General Certifications Software Warranty 1 2 Months Remote Web or external API Lead & Fixing Kit Power Cable/adapter 1 of either UK/US/EU/China/Aus CE , FCC, RoHS Software IP Finder + VMS Warranty 12 Months Remote			
Control & Set Up Set Up Control API Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & Fixing Kit Power Cable/adapter General Certifications CE , FCC, RoHS Software Warranty 1 2 Months Remote N/A			
Control			
Control	Control & Set Up	Set Up	Web Interface API Document
In the Box			API
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	In the Box		
Software			
Warranty 12 Months Remote N/A	General		
Remote N/A			
I IKASAT IMAh or avtarnal	 		
neset Web of external	 	Reset	Web or external
Control 6 Cat line Cat line (Cat lin	Control 9 Col III	Catilla	Web leterfore ADL Descriptor
Control & Set Up Web Interface API Document Web or CANVIE	Control & Set Up		
Control Web or ONVIF Upgrade Firmware Upgrade			
Upgrade Firmware Upgrade In the Box Contents Camera , 12v Power Supply	In the Box		
Power Cable/adapter UK/US/EU/China/Aus	III GIE BOX		



ANT-3410 Quad x Composite D1 Input ONVIF H.264 SD 576i 480i Video Encoder

Product Code: ANT-3410









Key Features

- Four independant 720 x 576i50 or 480i60 inputs
- ONVIF Profile S H.264 Video Encoder
- 4 x Composite / D1 Inputs & Outputs + Quad display locally
- IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero
- 4 primary streams plus 4 secondary streams

Product Overview

ANT-3400 4 x Composite D1 Input ONVIF H.264 SD 576i Video Encoder, capable of up to a maximum 4 x 720 x 576i SD at 60 fields ps video streams. Encoder with 8 streams using an IP LAN ethernet connection plus an additional local QUAD display output.

The inputs are 4 x Composite / D1. The inputs and outputs are provided to allow for signal bypassing or looping.

Multiple streaming formats are supported such as IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero Configuration, NTP,DDNS.

The encoder has on board recording via USB for monitoring and litigation purposes and can be powered via 12V or PoE.

AAC and G.711 audio is supported, with analogue audio support.

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 up to 4 x lower resolution older CCTV video cameras for streaming in IP format to a VMS or recording device or decoder



ANT-3410 Quad x Composite D1 Input ONVIF H.264 SD 576i 480i Video Encoder Product Code: ANT-3410

		ANT-3410
System	Mode	Encoder
System	Standards	ONVIF Profile S, RTSP, RTP, MPEG-TS
System	Latency	>150mS (system dependant)
Video	Compression	H.264 (MJPEG)
Video	Profile	Baseline & High
Video	Frame Rate	1-30 fps
Video	Bit Rate	32-4 mbps p/channel
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	352 x 240
Video	Max Resolution	725 x 576/480
Video	Number of Streams	Primary 1 x H.264 / Secondary 1 x H.264 or MJPEG
Video Video	Inputs Input Combinations	4 x Composite All 4 Input
Video	Outputs	1 x Composite Quad Output
Video	Output Combinations	1 Quad Display Output
Video	On Screen Display	Multi-Lingual
Viuco	On Screen Display	Worth Elligati
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	1 x Analogue Stereo Jack (1vpp)
Audio	Outputs	1 x Analogue Stereo Jack (1vpp)
Network	Interface	10-100 Ethernet RJ45
		IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS,
Network	Protocols	RTP,RTSP, FTP, SNMP, SMTP,DNS
Network	Security	Password Protection, Ip Address Filtering, HTTPS
Network	Configuration	SDK, ONVIF, WEB
Data	Туре	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	7.2w
Recording	Edge Storage	USB
Recording	Luge Storage	035
Temperature	Operating Range	-10 + 50C
peratare	operating number	
Physical	Dimensions	134 x 125 x 37 mm
Physical	Weight	480g
Physical	Housing	Black/Silver 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
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
III the box	Power Cable/adapter	UK/US/EU/China/Aus



ANT-4000E HDMI, VGA, DVI & Composite Input H.264 HD 1080P60 Video Encoder

Product Code: ANT-4000E





Key Features

- 1920 x 1080 P60 Max Resolution
- H.264 Encoder (& Decoder ANT-4000D)
- HDMI, VGA, DVI & Composite Input
- TCP/IP, UDP, Multicast, DHCP, HTTP, RTSP, one to one proprietary (low latency) and MPEG-TS

Product Overview

ANT-4000E HDMI, VGA, DVI & Composite H.264 HD 1080P60 Low Latency Video Encoder, capable of up to a maximum 1920 x 1080 @ 60fps (frames per second) encode over an IP LAN ethernet connection. The inputs are HDMI, VGA, DVI & Composite with low latency of 100ms when used together with the ANT-4000D video decoder.

Multiple streaming formats are supported such as TCP/IP, UDP, Multicast, RTSP, one to one proprietary (low latency) and MPEG-TS

The encoder can be powered via 12V.

One way audio is supported with embedded audio in HDMI.

A few of the applications are:

- Encode a broadcast camera for low latency decoding on screen
- Encode a live event where latency need to be low to avoid audio delay and lag
- General purpose encoder for video wall decoding of PC images



ANT-4000E HDMI, VGA, DVI & Composite Input H.264 HD 1080P60 Video Encoder

Product Code: ANT-4000E

		ANT-4000E
		ANT-4000E
System	Mode	Encoder
System	Standards	RTSP, MPEG-TS , Low Latency Proprietry
System	Latency	<150mS (system dependant)
Jystem -	zacency	-135mb (system dependent)
Video	Compression	H.264
Video	Profile	Baseline
Video	Frame Rate	1- 60fps
Video	Bit Rate	32-12 mbps
Video	Mode	GOP , Rand & Contra Refresh
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	720 x 480
Video	Max Resolution	1920 x 1080
Video	Number of Streams	Primary 1 x H.264
Video	Inputs	1 x HDMI (DVI) , 1 x VGA , 1 x Composite
Video	Input Combinations	Any 1 Input
Video	Outputs	N/A
Video	Output Combinations	N/A
Video	On Screen Display	English
Audio	Mode	Simplex Stereo
Audio	Compression	2 Channel PCM, DTS 5.1, AC3 5.1
Audio	Sample Rate	44.1/48kHz
Audio	Bit Rate	16bit ADC
Audio	Streaming	1 Way Stereo
Audio	Inputs	Analogue Stereo Jack (1vpp) or Embedded HDMI Audio
Audio	Outputs	N/A
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4, TCP, UDP, IGMP(Multicast), DHCP,HTTP,RTSP,DNS
Network	Security	Password Protection, Ip Address Filtering
Network	Configuration	SDK, WEB
_	_	
Data	Туре	Serial 2 Way
Data	Interface	3.3v TTL (only if used with ANT-4000D)
Data	Protocol	N/A
Data Data	Alarm Sensor	N/A N/A
Dala	Selisor	IN/A
Event	Sources	N/A
Event	Actions	N/A
LVEIIC	Actions	IVA
_		
IDowar	Supply	12v
Power	Supply Adapter input volts	12v AC 110-240v
Power	Adapter input volts	AC 110-240v
Power Power	Adapter input volts Adapter Output Voltage	AC 110-240v 12v DC
Power	Adapter input volts	AC 110-240v
Power Power Power	Adapter input volts Adapter Output Voltage Consumption	AC 110-240v 12v DC 12w
Power Power	Adapter input volts Adapter Output Voltage	AC 110-240v 12v DC
Power Power Power Recording	Adapter input volts Adapter Output Voltage Consumption Edge Storage	AC 110-240v 12v DC 12w N/A
Power Power Power	Adapter input volts Adapter Output Voltage Consumption	AC 110-240v 12v DC 12w
Power Power Power Recording Temperature	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range	AC 110-240v 12v DC 12w N/A
Power Power Power Recording Temperature	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions	AC 110-240v 12v DC 12w N/A 0c - 40c
Power Power Power Recording Temperature Physical Physical	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight	AC 110-240v 12v DC 12w N/A
Power Power Power Recording Temperature	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions	AC 110-240v 12v DC 12w N/A 0c - 40c 195 x 105 x 44mm 665g
Power Power Power Recording Temperature Physical Physical	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight	AC 110-240v 12v DC 12w N/A 0c - 40c 195 x 105 x 44mm 665g
Power Power Power Recording Temperature Physical Physical Physical	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing	AC 110-240v 12v DC 12w N/A 0c - 40c 195 x 105 x 44mm 665g Black Aluminum
Power Power Power Recording Temperature Physical Physical Physical General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications	AC 110-240v 12v DC 12w N/A 0c - 40c 195 x 105 x 44mm 665g Black Aluminum CE , FCC, ROHS
Power Power Power Recording Temperature Physical Physical Physical General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software	AC 110-240v 12v DC 12w N/A 0c - 40c 195 x 105 x 44mm 665g Black Aluminum CE , FCC, ROHS N/A
Power Power Power Recording Temperature Physical Physical Physical General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty	AC 110-240v 12v DC 12w N/A 0c - 40c 195 x 105 x 44mm 665g Black Aluminum CE , FCC, RoHS N/A 12 Months
Power Power Power Recording Temperature Physical Physical Physical General General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote	AC 110-240v 12v DC 12w N/A 0c - 40c 195 x 105 x 44mm 665g Black Aluminum CE , FCC, RoHS N/A 12 Months N/A
Power Power Power Recording Temperature Physical Physical Physical General General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote	AC 110-240v 12v DC 12w N/A 0c - 40c 195 x 105 x 44mm 665g Black Aluminum CE , FCC, RoHS N/A 12 Months N/A
Power Power Power Power Recording Temperature Physical Physical Physical General General General General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote Reset	AC 110-240v 12v DC 12w N/A 0c - 40c 195 x 105 x 44mm 665g Black Aluminum CE , FCC , RoHS N/A 12 Months N/A Web or external
Power Power Power Power Recording Temperature Physical Physical Physical General General General General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote Reset Set Up	AC 110-240v 12v DC 12w N/A 0c - 40c 195 x 105 x 44mm 665g Black Aluminum CE , FCC, RoHS N/A 12 Months N/A Web Interface API Document
Power Power Power Power Recording Temperature Physical Physical Physical General General General General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote Reset Set Up Control	AC 110-240v 12v DC 12w N/A Oc - 40c 195 x 105 x 44mm 665g Black Aluminum CE , FCC, RoHS N/A 12 Months N/A Web or external Web Interface API Document API



ANT-6000E HDMI,HD-SDI, DVI & VGA Input H.264 HD 1080P60 Low Latency Video Encoder

Product Code: ANT-6000E





Key Features

- 1920 x 1080 P60 Max Resolution, Low Latency
- H.264 Video Encoder (Plus Low Latency with decoder)
- · HDMI, HD-SDI, DVI & VGA Input
- TCP/IP, UDP, Multicast, DHCP, HTTP, RTSP, one to one proprietary (low latency) and MPEG-TS

Product Overview

ANT-6000E HDMI, 3G HD-SDI, DVI & VGA Input H.264 HD 1080P60 Low Latency Video Encoder, capable of up to a maximum 1920 x 1080 @ 60fps (frames per second) encode with single stream streaming using an IP LAN ethernet connection.

The inputs are HDMI, HD-SDI, DVI & VGA Output with low latency of 100ms when used together with the ANT-6000D video decoder. The inputs and outputs are provided to allow for signal bypassing or looping. Multiple streaming formats are supported such as TCP/IP, UDP, Multicast, DHCP, HTTP, RTSP, one to one proprietary (low latency) and MPEG-TS

The encoder can be powered via 12V or PoE.

Two way audio is supported with embedded audio in HD-SDI & HDMI or analogue.

RS232 TTL 2 way serial data communication.

A few of the applications are:

- Encode a broadcast camera for low latency decoding on screen
- Encode a live event where latency need to be low to avoid audio delay and lag
- ✓ Digital Signage



ANT-6000E HDMI,HD-SDI, DVI & VGA Input H.264 HD 1080P60 Low Latency Video Encoder

Product Code: ANT-6000E

	1	ANT COOOF
		ANT-6000E
System	Mode	Encoder
System	Standards	RTSP, MPEG-TS , Low Latency Proprietry
System	Latency	<150mS (system dependant)
Video	Compression	H.264
Video	Profile	Baseline
Video	Frame Rate	1- 60fps
Video	Bit Rate	32-40 mbps
Video	Mode	GOP , Rand & Contra Refresh
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	720 x 480
Video	Max Resolution	1920 x 1080
Video	Number of Streams	Primary 1 x H.264
Video	Inputs	1 x HDMI (DVI) , 1 x 3G HD-SDI, 1 x VGA
Video	Input Combinations	Any 1 Input
Video	Outputs	N/A
Video	Output Combinations	N/A
Video	On Screen Display	English
Audio	Mode	Duplex Stereo Audio
Audio	Compression	2 Channel PCM, DTS 5.1, AC3 5.1
Audio	Sample Rate	44.1/48kHz
Audio	Bit Rate	16bit ADC
Audio	Streaming	1 Way Stereo
Audio	Inputs	Analogue Stereo Jack (1vpp) or Embedded HDMI Audio
Audio	Outputs	Analogue Stereo Jack (1vpp)
		(=
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4, TCP, UDP, IGMP(Multicast), DHCP,HTTP,RTSP, DNS
Network	Security	Password Protection, Ip Address Filtering
Network	Configuration	SDK. WEB
Network	Comgulation	SDIN, WEB
Data	Туре	Serial 2 Way
Data	Interface	3.3v TTL (only if used with ANT-6000D)
Data	Protocol	N/A
Data	Alarm	N/A
Data	Sensor	N/A
Data	3611301	11/7
Event	Sources	N/A
Event	Actions	N/A
Event	ACTIONS	
Danner	Committee	
Power	Supply	12v or PoE
Power	Adapter input volts	12v or PoE AC 110-240v
Power Power	Adapter input volts Adapter Output Voltage	12v or PoE AC 110-240v 12v DC
Power	Adapter input volts	12v or PoE AC 110-240v
Power Power Power	Adapter input volts Adapter Output Voltage Consumption	12v or PoE AC 110-240v 12v DC 13w
Power Power	Adapter input volts Adapter Output Voltage	12v or PoE AC 110-240v 12v DC
Power Power Recording	Adapter input volts Adapter Output Voltage Consumption Edge Storage	12v or PoE AC 110-240v 12v DC 13w
Power Power Power	Adapter input volts Adapter Output Voltage Consumption	12v or PoE AC 110-240v 12v DC 13w
Power Power Power Recording Temperature	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range	12v or PoE AC 110-240v 12v DC 13w N/A
Power Power Power Recording Temperature Physical	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm
Power Power Power Recording Temperature Physical Physical	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm 422g
Power Power Power Recording Temperature Physical	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm
Power Power Power Recording Temperature Physical Physical	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm 422g Black Aluminum
Power Power Power Recording Temperature Physical Physical General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm 422g Black Aluminum CE , FCC, RoHS
Power Power Power Recording Temperature Physical Physical Physical General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm 422g Black Aluminum CE , FCC, RoHS N/A
Power Power Power Recording Temperature Physical Physical Physical General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm 422g Black Aluminum CE , FCC, RoHS N/A 12 Months
Power Power Power Recording Temperature Physical Physical Physical General General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm 422g Black Aluminum CE , FCC, RoHS N/A 12 Months N/A
Power Power Power Recording Temperature Physical Physical Physical General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm 422g Black Aluminum CE , FCC, RoHS N/A 12 Months
Power Power Power Recording Temperature Physical Physical General General General General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote Reset	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 × 102 × 190mm 422g Black Aluminum CE , FCC , RoHS N/A 12 Months N/A Web or external
Power Power Power Recording Temperature Physical Physical Physical General General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote Reset Set Up	12v or PoE AC 110-240v 12v DC 13w N/A Oc - 40c 30 x 102 x 190mm 422g Black Aluminum CE , FCC, RoHS N/A 12 Months N/A Web or external Web Interface API Document
Power Power Power Recording Temperature Physical Physical General General General General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote Reset Set Up Control	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm 422g Black Aluminum CE , FCC, RoHS N/A 12 Months N/A Web or external Web Interface API Document API
Power Power Power Power Recording Temperature Physical Physical Physical General General General General General General Control & Set Up	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote Reset Set Up Control Upgrade	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm 422g Black Aluminum CE , FCC, ROHS N/A 12 Months N/A Web or external Web Interface API Document API Firmware Upgrade
Power Power Power Recording Temperature Physical Physical General General General General General General	Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote Reset Set Up Control	12v or PoE AC 110-240v 12v DC 13w N/A 0c - 40c 30 x 102 x 190mm 422g Black Aluminum CE , FCC, RoHS N/A 12 Months N/A Web or external Web Interface API Document API



ANT-32000A/AS HDMI, HD-SDI & Composite Input ONVIF H.264 HD 1080P30 Video Encoder + Decoder

Product Code: ANT-32000A/AS





Key Features

- 1920 x 1080 P30 Max Resolution (Legacy product please see ANT-35000A latest generation Encoder)
- ONVIF VMS Profile S H.264 Encoder or Decoder (recommend ANT-36000 as decoder)
- HDMI, HD-SDI & Composite Inputs & Outputs
- TCP/IP, Multicast, UDP, HTTP, SMTP, FTP, DHCP, DNS, Dynamic DNS, RTP, RTSP, SNMP Streams Supported

Product Overview

ANT-32000A/AS HDMI,HD-SDI & Composite Input ONVIF H.264 HD 1080P30 Video Encoder, capable of up to a maximum 1920 x 1200 at 30 frames per sec encode with dual streaming using an IP LAN ethernet connection

The inputs are HD-SDI, HDMI (DVI) and Composite 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.

Multiple streaming formats are supported such as TCP/IP, Multicast, UDP, HTTP, SMTP, FTP, DHCP, DNS, Dynamic DNS, RTP, RTSP, SNMP.

The encoder or decoder 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 analogue audio support.

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:

For new applications please use ANT-35000A or ANT-35000H

Please download or full application catalogue here.



ANT-32000A/AS HDMI, HD-SDI & Composite Input ONVIF H.264 HD 1080P30 Video Encoder + Decoder

Product Code: ANT-32000A/AS

		ANT-32000AS	
System	Mode	Encoder / Decoder	
System	Standards	ONVIF Profile S, RTSP, RTP, MPEG-TS	
System	Latency	>150mS (system dependant)	
	·		
Video	Compression	H.264 (MJPEG)	
Video	Profile	Baseline & High	
Video	Frame Rate	1-30 fps	
Video Video	Bit Rate Mode	32-10 mbps GOP	
Video	Bit Rate Control	CBR, VBR	
Video	Min Resolution	352 x 240	
Video	Max Resolution	1920 x 1080	
Video	Number of Streams	Primary 1 x H.264 / Secondary 1 x H.264 or MJPEG	
Video	Inputs	1 x HDMI (DVI) , 1 x HD-SDI , 1 x Composite	
Video	Input Combinations	Any 1 Input	
Video Video	Outputs Output Combinations	1 x HDMI (DVI), 1 x HD-SDI, 1 x Composite Bypass Any 1 Output	
Video	On Screen Display	Multi-Lingual	
rideo	on sereen sisplay	The Linguis	
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 Audio	Inputs Outputs	Analogue Stereo Jack (1vpp) Analogue Stereo Jack (1vpp)	
Audio	Outputs	Allalogue Stereo Jack (Ivpp)	
Network	Interface	10-100 Ethernet RJ45	
		IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS,	
Network	Protocols	RTP,RTSP, FTP, SNMP, SMTP, DNS	
Network	Security	Password Protection, Ip Address Filtering, HTTPS	
Network	Configuration	SDK, ONVIF, WEB	
Data	Tuno	Covial 2 Way	
Data	Type Interface	Serial 2 Way 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	9.6w	
Recording	Edge Storage	USB	
Temperature	Operating Range	-10 + 50C	
Physical	Dimensions	134 x 125 x 37 mm	
Physical	Weight	563g	
Physical	Housing	Black/Silver 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	
1	Power Cable/adapter	1 of either UK/US/EU/China/Aus	
	Certifications	CE , FCC, RoHS	
General		10.51 1 10.46	
General	Software	IP Finder + VMS	
General	Software Warranty	12 Months	
General	Software Warranty Remote	12 Months N/A	
General	Software Warranty	12 Months	
General Control & Set Up	Software Warranty Remote	12 Months N/A	
	Software Warranty Remote Reset Set Up Control	12 Months N/A Web or external Web Interface API Document Web or ONVIF	
Control & Set Up	Software Warranty Remote Reset Set Up Control Upgrade	12 Months N/A Web or external Web Interface API Document Web or ONVIF Firmware Upgrade	
	Software Warranty Remote Reset Set Up Control	12 Months N/A Web or external Web Interface API Document Web or ONVIF	



ANT-35000A HDMI, HD-SDI, DVI & Composite Input ONVIF H.264 HD 1080P60 Video Encoder

Product Code: ANT-35000A







Key Features

- 1920 x 1200 P60 Max Resolution
- ONVIF VMS Profile S H.264 Encoder
- HDMI, HD-SDI & Composite Inputs & Outputs
- RTSP, MPEG-TS, RTMP, RTP Streams Supported

Product Overview

ANT-35000A HDMI, HD-SDI & Composite Input ONVIF H.264 HD Video Encoder, capable of up to a maximum 1920 x 1200 at 60 frames per sec encode with quad streaming using an IP LAN ethernet connection.

The inputs are 3G HD-SDI, HDMI DVI and Composite 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.

Multiple streaming formats are supported such as RTSP, MPEG-TS, RTP, RTMP over TCP and UDP. 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 HD-SDI & HDMI or analogue. 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 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 screen of a NVR or DVR for viewing remotely elsewhere



ANT-35000A HDMI,HD-SDI, DVI & Composite Input ONVIF H.264 HD 1080P60 Video Encoder

Product Code: ANT-35000A

Main	Sub	ANT-35000A
System	Mode	Encoder
System	Standards	ONVIF Profile S, RTSP, RTP, RTMP, MPEG-TS
System	Latency	>150mS (system dependant)
Video	Compression	H.264 (MJPEG)
Video	Profile	Baseline & High
Video	Frame Rate	1-60 fps
Video	Bit Rate	32-16 mbps
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	352 x 240
Video	Max Resolution	1920 x 1200
Video	Number of Streams	Primary 1 x H.264 / Secondary 3 x H.264 or MJPEG
Video	Inputs	1 x HDMI (DVI) , 1 x 3G-SDI , 1 x Composite
Video	Input Combinations	Any 1 Input
Video	Outputs	1 x HDMI (DVI) , 1 x 3G-SDI , 1 x Composite Bypass
Video	Output Combinations	Any 1 Output
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
		40 400 511 1 1 1 1 1 1 1
Network Network	Interface Protocols	10-100 Ethernet RJ45
Network		IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP,HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP, DNS
Network	Security Configuration	Password Protection, Ip Address Filtering, HTTPS SDK, ONVIF, WEB
Network	Configuration	SUN, OINVIF, WEB
Data	Туре	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
LVEIIC	Actions	Linai, FF, FTZ FTeSet, Alaim Control, Necording
Power	Supply	PoE or 12v
Power	Adapter input volts	AC 110-240v
_	Adapter Output	
Power	Voltage	12v DC
Power	Consumption	9.6w
Recording	Edge Storage	USB
Temperature	Operating Range	-10 + 50C
Physical	Dimensions	133 x 125 x 32mm
Physical	Weight	484g
Physical	Housing	Black Aluminum
	0 1:0 1:	GF F00 D US
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



ANT-35000A1 HDMI,HD-SDI, DVI & Composite Input ONVIF H.264 HD 1080P60 Video Encoder

Product Code: ANT-35000A1









Key Features

- 1920 x 1200 P60 Max Resolution
- ONVIF VMS Profile S H.264 Encoder
- HDMI, HD-SDI & Composite Inputs & Outputs
- RTSP, MPEG-TS, RTMP, RTP Streams Supported

Product Overview

ANT-35000A1 HDMI, HD-SDI & Composite Input ONVIF H.264 HD Video Encoder, capable of up to a maximum 1920 x 1200 at 60 frames per sec encode with quad streaming using an IP LAN ethernet connection.

The inputs are 3G HD-SDI, HDMI DVI and Composite 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.

Multiple streaming formats are supported such as RTSP, MPEG-TS, RTP, RTMP over TCP and UDP. 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 HD-SDI & HDMI or analogue. 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 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 screen of a NVR or DVR for viewing remotely elsewhere



ANT-35000A1 HDMI,HD-SDI, DVI & Composite Input ONVIF H.264 HD 1080P60 Video Encoder

Product Code: ANT-35000A1

Main	Sub	ANT-35000A1			
System	Mode	Encoder			
System	Standards	ONVIF Profile S, RTSP, RTMP, MPEG-TS			
System	Latency	>150mS (system dependant)			
Video	Compression	H.264 (MJPEG)			
Video	Profile	Baseline & High			
Video	Frame Rate	1-60 fps			
Video	Bit Rate	32-16 mbps			
Video	Mode	GOP			
Video	Bit Rate Control	CBR, VBR			
Video	Min Resolution	352 x 240			
Video	Max Resolution	1920 x 1200			
Video	Number of Streams	Primary 1 x H.264 / Secondary 3 x H.264 or MJPEG			
Video	Inputs	1 x HDMI (DVI) , 1 x 3G-SDI , 1 x Composite			
Video	Input Combinations	Any 1 Input			
Video	Outputs	1 x HDMI (DVI) , 1 x 3G-SDI , 1 x Composite Bypass			
Video	Output Combinations	Any 1 Output			
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			
TTCCTTCTT.	- Cominguitation				
Data	Туре	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	12v DC			
	Voltage	9.6w			
Power	Consumption	9.0W			
Recording	Edge Storage	USB			
Temperature	Operating Range	-10 + 50C			
DI : 1		422, 425, 22			
Physical	Dimensions	133 x 125 x 32mm			
Physical	Weight	484g			
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 & Cot Un	Set Un	Web Interface ADI Document			
Control & Set Up	Set Up Control	Web Interface API Document API			
	Upgrade	Firmware Upgrade			
In the Box	Contents	Encoder , 12v Power Supply & Lead & Fixing Kit			
are box	Power Cable/adapter	1 of either UK/US/EU/China/Aus			



ANT-35000H HDMI Input ONVIF H.264 HD 1080P60 Video Encoder

Product Code: ANT-35000H







Key Features

- 1920 x 1200 P60 Max Resolution
- ONVIF VMS Profile S H.264 Encoder
- HDMI Inputs & Output
- RTSP, MPEG-TS, RTMP, RTP Streams Supported

Product Overview

ANT-35000H HDMI Input ONVIF H.264 HD Video Encoder, capable of up to a maximum 1920 x 1200 at 60 frames per sec encode with guad streaming using an IP LAN ethernet connection.

The inputs are HDMI /DVI 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.

Multiple streaming formats are supported such as RTSP, MPEG-TS, RTP, RTMP over TCP and UDP.

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.

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 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 screen of a NVR or DVR for viewing remotely elsewhere



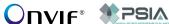
ANT-35000H HDMI Input ONVIF H.264 HD 1080P60 Video Encoder Product Code: ANT-35000H

	_	
Main	Sub	ANT-35000H
System	Mode	Encoder
System	Standards	ONVIF Profile S, RTSP, RTP, RTMP, MPEG-TS
System	Latency	>150mS (system dependant)
Video	Compression	H.264 (MJPEG)
Video	Profile	Baseline & High
Video	Frame Rate	1-60 fps
Video	Bit Rate	32-16 mbps
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	352 x 240
Video	Max Resolution	1920 x 1200
Video	Number of Streams	Primary 1 x H.264 / Secondary 3 x H.264 or MJPEG
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	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
. Tetroria	interruce	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS,
Network	Protocols	RTP,RTSP, FTP, SNMP, SMTP, DNS
Network	Security	Password Protection, Ip Address Filtering, HTTPS
Network	Configuration	SDK, ONVIF, WEB
rectwork	Comiguration	SDI, ORVII, WEB
Data	Туре	Serial 2 Way
Data	Interface	RS232, RS422, RS485
Data	Protocol	Pelco D + others
Data	Alarm	2 Output + Buzzer
Data	Sensor	2 Input
Data	3611301	2 mput
Event	Sources	Motion, Sensor Input, Client Disconnection
Event	Actions	Email, FTP, PTZ Preset , Alarm Control, Recording
Event	Actions	Email, FTF, FTZ FTeset , Alarm Control, Recording
Power	Supply	PoE or 12v
Power		AC 110-240v
	Adapter Input Voltage	
Power Power	Adapter Output Voltage Consumption	12v DC 9.6w
rowei	Consumption	J.UW
Docarding	Edga Staraga	LICD
Recording	Edge Storage	USB
	O	40 - 500
Temperature	Operating Range	-10 + 50C
Di i i	In the second se	422 425 22
Physical	Dimensions	133 x 125 x 32mm
Physical	Weight	484g
Physical	Housing	Black Aluminum
	10.00	
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



ANT-35000H1 HDMI Input ONVIF H.264 HD 1080P60 Video Encoder

Product Code: ANT-35000H1







Key Features

- 1920 x 1200 P60 Max Resolution
- ONVIF VMS Profile S H.264 Encoder
- HDMI Inputs & Output
- RTSP, MPEG-TS, RTMP, RTP Streams Supported

Product Overview

ANT-35000H1 HDMI Input ONVIF H.264 HD Video Encoder, capable of up to a maximum 1920 x 1200 at 60 frames per sec encode with quad streaming using an IP LAN ethernet connection.

The inputs are HDMI /DVI 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.

Multiple streaming formats are supported such as RTSP, MPEG-TS, RTP, RTMP over TCP and UDP.

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.

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 PC screen and send to a VMS for monitoring, recording and litigation purposes.
- consultant to oversee the procedure.
- Encode the screen of a NVR or DVR for viewing remotely elsewhere



ANT-35000H1 HDMI Input ONVIF H.264 HD 1080P60 Video Encoder Product Code: ANT-35000H1

Main	Sub	ANT-35000H 1
System	Mode	Encoder
System	Standards	ONVIF Profile S, RTSP, RTP, RTMP, MPEG-TS
System	Latency	>150mS (system dependant)
Video	Compression	H.264 (MJPEG)
Video	Profile	Baseline & High
Video	Frame Rate	1-60 fps
Video	Bit Rate	32-16 mbps
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	352 x 240
Video	Max Resolution	1920 x 1200
Video	Number of Streams	Primary 1 x H.264 / Secondary 3 x H.264 or MJPEG
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	Multi-Lingual
Audio	Mada	Full Dupley Stores
Audio Audio	Mode Compression	Full Duplex Stereo G.711 + AAC
	<u>'</u>	
Audio Audio	Sample Rate	G711 = 8Khz , AAC= 32/44.1/48kHz
Audio	Bit Rate Streaming	G711=64kbps, AAC= 64/128kb/s 2 Way Stereo
Audio		i ·
Audio	Inputs Outputs	Analogue Stereo Jack (1vpp) or Embedded Audio Analogue Stereo Jack (1vpp) or Embedded Audio
Addio	Outputs	Analogue Stereo Jack (TVPP) or Embedded Addio
Network	Interface	10-100 Ethernet RJ45
Network	Interface	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP,HTTP, HTTPS,
Network	Protocols	RTP,RTSP, FTP, SNMP, SMTP, DNS
Network	Security	Password Protection, Ip Address Filtering, HTTPS
Network	Configuration	SDK, ONVIF, WEB
	Comigaration	551, 611111, 1125
Data	Туре	Serial 2 Way
Data Data	Type Interface	Serial 2 Way RS232, RS422, RS485
Data Data Data	Type Interface Protocol	Serial 2 Way RS232, RS422, RS485 Pelco D + others
Data Data Data Data Data	Type Interface Protocol Alarm	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer
Data Data Data	Type Interface Protocol	Serial 2 Way RS232, RS422, RS485 Pelco D + others
Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input
Data Data Data Data Data	Type Interface Protocol Alarm	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection
Data Data Data Data Data Data Data Event Event	Type Interface Protocol Alarm Sensor Sources Actions	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording
Data Data Data Data Data Data Data Event Event Event	Type Interface Protocol Alarm Sensor Sources Actions Supply	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v
Data Data Data Data Data Data Data Event Event Power Power	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v 12v DC
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v 12v DC
Data Data Data Data Data Data Data Event Event Event Power Power Power	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording POE or 12v AC 110-240v 12v DC 9.6w
Data Data Data Data Data Data Data Event Event Event Power Power Power	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording POE or 12v AC 110-240v 12v DC 9.6w
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v 12v DC 9.6w USB
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v 12v DC 9.6w USB
Data Data Data Data Data Data Data Event Event Event Power Power Power Power Recording Temperature	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording POE or 12v AC 110-240v 12v DC 9.6w USB -10 + 50C
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording POE or 12v AC 110-240v 12v DC 9.6w USB -10 + 50C
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording POE or 12v AC 110-240v 12v DC 9.6w USB -10 + 50C
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v 12v DC 9.6w USB -10 + 50C 133 x 125 x 32mm 484g Black Aluminum CE , FCC, RoHS
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v 12v DC 9.6w USB -10 + 50C 133 x 125 x 32mm 484g Black Aluminum
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v 12v DC 9.6w USB -10 + 50C 133 x 125 x 32mm 484g Black Aluminum CE , FCC, RoHS
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v 12v DC 9.6w USB -10 + 50C 133 x 125 x 32mm 484g Black Aluminum CE , FCC, ROHS IP Finder + VMS
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Co Uput + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording POE or 12v AC 110-240v 12v DC 9.6w USB -10 + 50C 133 x 125 x 32mm 484g Black Aluminum CE , FCC, ROHS IP Finder + VMS 12 Months
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote	Serial 2 Way RS232, RS422, RS485 Pelco Ly others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v 12v DC 9.6w USB -10 + 50C 133 x 125 x 32mm 484g Black Aluminum CE , FCC, RoHS IP Finder + VMS 12 Month N/A Web or external
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote Reset	Serial 2 Way RS232, RS422, RS485 Pelco D + others Pelco D
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Dimensions Weight Housing Certifications Software Warranty Remote Reset	Serial 2 Way RS232, RS422, RS485 Pelco Ly others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v 12v DC 9.6w USB -10 + 50C 133 x 125 x 32mm 484g Black Aluminum CE , FCC, RoHS IP Finder + VMS 12 Month N/A Web or external
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote Reset	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 110-240v 12v DC 9.6w USB -10 + 50C 133 x 125 x 32mm 484g Black Aluminum CE , FCC, RoHS IP Finder + VMS 12 Months N/A Web or external Web Interface API Document
Data Data Data Data Data Data Data Data	Type Interface Protocol Alarm Sensor Sources Actions Supply Adapter input volts Adapter Output Voltage Consumption Edge Storage Operating Range Dimensions Weight Housing Certifications Software Warranty Remote Reset Set Up Control	Serial 2 Way RS232, RS422, RS485 Pelco D + others 2 Output + Buzzer 2 Input Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording PoE or 12v AC 11v DC 9.6w USB -10 + 50C 133 x 125 x 32mm 484g Black Aluminum CE , FCC, RoHS IP Finder + VMS 12 Months N/A Web or external Web Interface API Document API



ANT-38000 4K UHD HDMI, 3G HD-SDI ONVIF H.264 4KP30 Video Encoder

Product Code: ANT-38000









Key Features

- 4096 x 2160 P24 or 3840 x 2160 P30 Resolution
- ONVIF VMS Profile S H.264 Encoder
- HDMI & 3G HD-SDI Inputs & Outputs (UHD 4K via HDMI only)
- MPEG-TS, UDP, HTTP, SMTP, FTP, DHCP, DNS, dDNS, RTP, RTSP & SNMP Streams Supported

Product Overview

ANT-38000 4K UHD HDMI, HD-SDI & Composite Input ONVIF H.264 4KP30 Video Encoder, capable of up to a maximum 4096 x 2160 at 24 fps (frames per second) or 3840 x 2160 at 30 fps (frames per second) encode with quad streaming using an IP LAN ethernet connection.

The inputs are 3G HD-SDI, HDMI DVI and Composite 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.

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 HD-SDI & HDMI or analogue.

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



ANT-38000 4K UHD HDMI, 3G HD-SDI ONVIF H.264 4KP30 Video Encoder

Product Code: ANT-38000

System Mode Encoder System Standards ONVEP Profile S, RTSP, RTP, RTMP, MPEG-TS System Standards ONVEP Profile S, RTSP, RTP, RTMP, MPEG-TS System Standards ONVEP Profile S, RTSP, RTP, RTMP, MPEG-TS System Standards ONVEP Profile S, RTSP, RTP, RTMP, MPEG-TS System Standards ONVEP Profile S, RTSP, RTP, RTMP, MPEG-TS Video Compression H, 264 (MIPEG) Video Profile Baseline & High Video Profile Baseline & High Video Bit Rate 192 for Mps Video Mode Control CBK, VBR Video Bit Rate Control CBK, VBR Video Min Resolution 400 Standard Standard Standard Standard Video Min Resolution 400 Standard Standar			ANT 20000
System			ANT-38000
System			
System	Custom	Mada	Encoder
Video Compression H.264 (NJPEG) Video Profile Baseline & High Video Profile Baseline & High Video Brane Rate 1. 60fps (60fps ≥ 1080P Res) Video Bit Rate 32.16 mbps Video Mode GDP Video Min Resolution 352 x 240 Video Min Resolution 352 x 240 Video Mumber of Streams Primary 1 x H.264 / Secondary 3 x H.264 or MIPEG Video Number of Streams Primary 1 x H.264 / Secondary 3 x H.264 or MIPEG Video Input Samp I input Video Input Combinations Any 1 input Video Output Combinations Any 1 input Video Output Combinations Any 1 output Video Output Combinations Any 1 output Video Output Combinations Any 1 output Audio On Screen Display Multi-Lingual Audio Samp Rate G711 = 64Kbp, AAC = 32/44.1/48kbt Audio Streaming Analogue Stereo			
Video Proffie Baseline & High Video Frame Rate 1 - 60Pis (60Pis @ 0180P Res) Video Bit Rate 32-16 mbps Video Bit Rate 32-16 mbps Video Bit Rate Control CBR, VBR Video Min Resolution 352 x 240 Video Max Resolution 352 x 240 Video Max Resolution 4958 x 2160 P24 (HDMI) or 3840 x 2160 P30 (HDMI) Video Mumber of Streams Primary 1 x H.264 / Secondary 3 x H.266 or MUPEG Video Input Combinations Any 1 Input Video Output Any 1 Input Video Output Combinations Any 1 Output Audio Compression G.711 + ACA Audio Sample Rate G711 = 68thp, ACA = 22/44 1/48kHz Audio Sit Rate G711 = 68	System	Latericy	2150m3 (system dependant)
Video Proffie Baseline & High Video Frame Rate 1 - 60Pis (60Pis @ 0180P Res) Video Bit Rate 32-16 mbps Video Bit Rate 32-16 mbps Video Bit Rate Control CBR, VBR Video Min Resolution 352 x 240 Video Max Resolution 352 x 240 Video Max Resolution 4958 x 2160 P24 (HDMI) or 3840 x 2160 P30 (HDMI) Video Mumber of Streams Primary 1 x H.264 / Secondary 3 x H.266 or MUPEG Video Input Combinations Any 1 Input Video Output Any 1 Input Video Output Combinations Any 1 Output Audio Compression G.711 + ACA Audio Sample Rate G711 = 68thp, ACA = 22/44 1/48kHz Audio Sit Rate G711 = 68	Video	Compression	H 264 (MIPEG)
Video		·	, ,
Video Bit Rate 32-16 mbps Video Mode GOP Video Bit Rate Control GR, VRR Video Min Resolution 352 x 240 Video Max Resolution 4095 x 2160 P24 (HDMI) or 3840 x 2160 P30 (HDMI) Video Mumber of Streams Primary 1 x H.264 / Secondary 3 x H.266 or MUPEG Video Input 1 x HDMI (VVI), 1 x 36-SD1, 1 x Composite Video Output Any 1 input Video Output Combinations Any 1 Output Video Output Combinations Any 1 Output Video On Screen Display Multi-Lingual Audio Mode Full Duples Stereo Audio Compression G.711+AAC Audio Sample Rate G711-6XBA, AAC-32/41,1/48kHz Audio Streaming 2 Vay Stereo Audio Streaming 2 Vay Stereo Audio Outputs Analogue Stereo Jack (Ivpp) or Embedded Audio Network Interface 10-100 Ethernet R145 Network Interface 10-100 E			· · · · · · · · · · · · · · · · · · ·
Video Mode GOP Video BIR Bate Control GCR, WBR Video Min Resolution 352 x 240 Video Max Resolution 352 x 240 Video Number of Streams Primary 1 x H.264 / Secondary 3 x H.264 or MIPEG Video Input Any 1 Input Video Input Combinations Any 1 Input Video Output Combinations Any 1 Output Video Output Combinations Any 1 Output Video Output Combinations Any 1 Output Video On Screen Display Multi-Lingual Audio Mode Full Duplex Stereo Audio Compression G.711 + AAC Audio Sample Rate G711 + AAC Audio Streaming 2 Way Stereo Audio Streaming 2 Way Stereo Audio Streaming 2 Way Stereo Audio Output Sanadogue Stereo Jack (Ivpp) or Embedded Audio Audio Input Analogue Stereo Jack (Ivpp) or Embedded Audio Welvork			, , , , , , , , , , , , , , , , , , , ,
Video Bit Rate Control CER, VSR Video Min Resolution 352 x 240 Video Max Resolution 3096 x 2160 P24 (HDMI) or 3840 x 2160 P30 (HDMI) Video Number of Streams Ya HDMI (VDV), 1 x 36-SDI, 1 x Composite Video Input Combinations Any 1 Input Video Output Combinations Any 1 Unput Video Output Combinations Any 1 Output Video Output Combinations Multi-Lingual Audio Mode Full Duplex Stereo Audio Compression G.711 + AAC Audio Sample Rate G711 + SkDr, AAC = 47(28kb/s Audio Streaming 2 Way Stereo Audio Interface 10-100 Ethernet RIAS Network Interface 10-100 Ethernet RIAS Network Protocols RTP,RTSP, FTP, SWNMP, SMTP, DNS Network Protoco			·
Video Min Resolution 352 x 240 Video Max Resolution 406 x 2160 P24 (HDMI) or 3840 x 2160 P30 (HDMI) Video Number of Streams Primary 1 x H. 264 / Secondary 3 x H. 264 or MJPEG Video Input 1 x HDMI (DVI), 1 x 3G-SDI, 1 x Composite Video Output Combinations Any 1 fluth Video Output Combinations Any 1 output Video On Screen Display Multi-Lingual Audio Mode Full Duplex Stereo Audio Mode Full Duplex Stereo Audio Mode Full Duplex Stereo Audio Secondary Stereo Audio Secondary Stereo Jack (1ypp) or Embedded Audio Audio Straming 2 Way Stereo Audio Interface 10-100 Ethernet Ru45 Network Interface 10-100 Ethernet Ru45 Network Protocols RTP, RTSP, FTP, SNMP, SMTP, DNS Network Security Password Protection, Ip Address Filtering, HTTPS Network Security Password Protection, Ip Address Filtering, HTTPS <td></td> <td></td> <td></td>			
Video Max Resolution 4096 x 2160 P24 (HDMI) or 380 x 2160 P30 (HDMI) Video Number of Streams Primary 1 x H.264 / Secondary 3 x H.264 or MI/PEG Video Inputs 1 x HDMI (DVI), 1 x 36-5DI, 1 x Composite Video Output Combinations Any 1 Input Video Output Combinations Any 1 Output Audio Mode Full Duplex Stereo Audio Compression G.711 + SAC Audio Sample Rate G711 = 64kbps, AAC= 64/128kb/s Audio Streaming 2 Way Stereo Audio Outputs Analogue Stereo Jack (1ypp) or Embedded Audio Network Interface 10-100 Ethernet RJ45 Network Protocols RTP,RTSP, FTP, SNMP, SMTP, DNS Network Protocol RTP,RTSP, FTP, SNMP, SMTP, DNS Network Security Password Protecti			,
Video Number of Streams Primary 1 x H.264 / Secondary 3 x H.264 or MIPEG Video Input Combinations 1 x HDMI (DVI), 1 x 3G-SDI, 1 x Composite Video Outputs 1 x HDMI (DVI), 1 x 3G-SDI, 1 x Composite Video Output Combinations Any 1 Unput Video On Screen Display Multi-Lingual Audio Mode Full Duplex Stereo Audio Mode Full Duplex Stereo Audio Sample Rate G711 = 8Khz, AAC= 32/44.1/48kHz Audio Sample Rate G711 = 8khz, AAC= 32/44.1/48kHz Audio Streaming 2 Way Stereo Audio Inputs Analogue Stereo Jack (1ypp) or Embedded Audio Audio Inputs Analogue Stereo Jack (1ypp) or Embedded Audio Audio Outputs Analogue Stereo Jack (1ypp) or Embedded Audio Network Interface 10-100 Ethernet RL4S Protocols RTP, RTSP, FTP, SNMP, SMTP, DNS Network Security Password Protection, Ip Address Filtering, HTTPS Network Configuration SDK, ONVIF, WEB Data Type			
Video			
Video Output Combinations Any Input Video Output Combinations Any Input Video Output Combinations Any I Output Video Output Combinations Any I Output Video Output Combinations Any I Output Video On Screen Display Multi-Lingual Will-Lingual Video On Screen Display Multi-Lingual Video On Screen Display Multi-Lingual Video On Screen Display Multi-Lingual Video On Screen Display Video On Screen Display Video On Video			
Video Outputs 1x HDMI (DVI), 1x 3G-SDI, 1x Composite Bypass Video Output Combinations Any 1 Output Video On Screen Display Multi-Lingual Audio Mode Full Duplex Stereo Audio Compression G.711 + AAC 32/44.1/48kHz Audio Sample Rate G711 = 8khz, AAC = 32/44.1/48kHz Audio Bit Rate G711 = 64kbps, AAC = 64/128kb/s Audio Inputs Analogue Stereo Jack (1ypp) or Embedded Audio Audio Inputs Analogue Stereo Jack (1ypp) or Embedded Audio Audio Inputs Analogue Stereo Jack (1ypp) or Embedded Audio Audio Inputs Analogue Stereo Jack (1ypp) or Embedded Audio Audio Dutputs Analogue Stereo Jack (1ypp) or Embedded Audio Audio Protocols Analogue Stereo Jack (1ypp) or Embedded Audio			
Video Output Combinations Any 1 Output Video On Screen Display Multi-Lingual Audio Mode Full Duplex Stereo Audio Compression G.711 + RAC Audio Sample Rate G711 = 8Khr, AAC = 32/44.1/48kHz Audio Bit Rate G711 = 6Khr, AAC = 64/128kb/s Audio Inputs Analogue Stereo Jack (1ypp) or Embedded Audio Audio Unjuts Analogue Stereo Jack (1ypp) or Embedded Audio Audio Unjuts Analogue Stereo Jack (1ypp) or Embedded Audio Network Interface 10-100 Ethernet RJ45 Interface IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS, Network Protocols 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 Precocol Pelcio D + others Data Protocol Pelcio D + others Data Alarm 2 Output + Buzzer			, ,
Video On Screen Display Multi-Lingual Audio Mode Full Duplex Stereo Audio Compression G.711 + AAC Audio Sample Rate G711 = 64kbps, AAC = 32/44.1/48kHz Audio Bit Rate G711=64kbps, AAC = 64/128kb/s Audio Streaming 2 Way Stereo Audio Outputs Analogue Stereo Jack (1ypp) or Embedded Audio Audio Outputs Analogue Stereo Jack (1ypp) or Embedded Audio Network Interface 10-100 Ethernet RJ45 Network Interface 10-100 Ethernet RJ45 Network Protocols RTP,RTSP, FTP, SNMP, SMTP, DNS Network Security Password Protection, Ip Address Filtering, HTTPS Network Security Password Protection, Ip Address Filtering, HTTPS Network Configuration SDK, ONVIF, WEB Data Interface R5232, R54825 Data Interface R5232, R54825 Data Alarm 2 Output + Buzzer Data Alarm 2 Output + Buzzer Data<			
Audio Mode Full Duplex Stereo Audio Compression G.711 + AAC Audio Sample Rate G711 = 8Khz, AAC = 32/44.1/48kHz Audio Bit Rate G711 = 6Khz, AAC = 64/128kb/s Audio Streaming 2 Way Stereo Audio Outputs Analogue Stereo Jack (1vpp) or Embedded Audio Audio Outputs Analogue Stereo Jack (1vpp) or Embedded Audio Audio Outputs Analogue Stereo Jack (1vpp) or Embedded Audio Audio Network Interface 10-100 Ethernet RJ45 PP4/4/6, TCP, UDP, IGMP[Multicast), ICMP, DHCP,HTTP, HTTPS, RETWORK Protocols RTP_RTSP, FTP, SNMP, SMTP, DNS Network Security Password Protection, Ip Address Filtering, HTTPS Network Configuration SDK, ONNIF, WEB Data Type Serial 2 Way Data Interface RS232, RS422, RS428, RS428, RS45 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 Adapter output Voltage Power Adapter Output Voltage Power Adapter Output Voltage Power Adapter Output Voltage Depower Adapter Output Voltage Power Adapter Output Voltage Physical Weight G20g Physical Dimensions 133 x 125 x 32mm Physical Dimensions (PF, FCC, RoHS General Certifications (EF, FCC, RoHS General Reset Web or external Control & Set Up Set Up Web Interface API Document In the Box Contents Encoder , 12v Power Supply & Lead & Fixing Kit		· ·	
Audio Sample Rate G711 = AAC Audio Sample Rate G711 = SATA, AAC = 32/44.1/48kHz Audio Bit Rate G711 = SATA, AAC = 32/44.1/48kHz Audio Bit Rate G711 = SATA, AAC = 32/44.1/48kHz Audio Streaming 2 Way Stereo Audio Outputs Analogue Stereo Jack (1ypp) or Embedded Audio Audio Outputs Analogue Stereo Jack (1ypp) or Embedded Audio Network Interface 10-100 Ethernet RJ45 Network Protocols 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, FTZ Preset , Alarm Control, Recording Power Adapter input volts AC 110-240v Power Adapter Output Voltage 12v DC Power Consumption 12w Recording Edge Storage USB Temperature Operating Range 10+50C Physical Dimensions 133 x 125 x 32mm Physical Weight 620g Physical Reset Web Termare Piper Serial Reset Web or external Control Reset Up Set Up Web Interface Alica Reset Web or external Upgrade Interface Piper Supply & Lead & Fixing Kit			
Audio Sample Rate G711 = AAC Audio Sample Rate G711 = SATA, AAC = 32/44.1/48kHz Audio Bit Rate G711 = SATA, AAC = 32/44.1/48kHz Audio Bit Rate G711 = SATA, AAC = 32/44.1/48kHz Audio Streaming 2 Way Stereo Audio Outputs Analogue Stereo Jack (1ypp) or Embedded Audio Audio Outputs Analogue Stereo Jack (1ypp) or Embedded Audio Network Interface 10-100 Ethernet RJ45 Network Protocols 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, FTZ Preset , Alarm Control, Recording Power Adapter input volts AC 110-240v Power Adapter Output Voltage 12v DC Power Consumption 12w Recording Edge Storage USB Temperature Operating Range 10+50C Physical Dimensions 133 x 125 x 32mm Physical Weight 620g Physical Reset Web Termare Piper Serial Reset Web or external Control Reset Up Set Up Web Interface Alica Reset Web or external Upgrade Interface Piper Supply & Lead & Fixing Kit	Audio	Mode	Full Duplex Stereo
Audio Sample Rate G711 = 8Khz , AAC= 32/44.1/48kHz Audio Bit Rate G711-64kbps, AAC= 64/128kh/s Audio Streaming 2 Way Stereo Audio Inputs Analogue Stereo Jack (1vpp) or Embedded Audio Audio Outputs Analogue Stereo Jack (1vpp) or Embedded Audio Audio Outputs Analogue Stereo Jack (1vpp) or Embedded Audio Audio Outputs Analogue Stereo Jack (1vpp) or Embedded Audio Network Interface 10-100 Ethernet RJ45 PP4/46, TCP, UDP, IGMP[Multicast], ICMP, DHCP, HTTP, HTTPS, Network Protocols 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 Adapter input volts AC 110-240v Power Adapter output Voltage 12v DC Power Adapter output Voltage 12v DC Power Consumption 12w Recording Edge Storage USB Temperature Operating Range 10+50C Temperature Operating Range 10+50C Temperature Operating Range 133 x 125 x 32mm Physical Dimensions 133 x 125 x 32mm Physical Housing Black Aluminum General Certifications CE, FCC, RoHS General Warranty 12 Months General Remote N/A General Remote N/A General Remote N/A General Remote N/A General Reset Web or external Interface PID Document Control API Upgrade Interface API Document Encoder, 12v Power Supply & Lead & Fixing Kit		****	·
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Audio Outputs Analogue Stereo Jack (1vpp) or Embedded Audio Network Interface 10-100 Ethernet RI45 Pv4/v6, TCP, UDP, GMP(Multicast), ICMP, DHCP,HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP,DNS Network Protocols RTP,RTSP, FTP, SNMP, SMTP,DNS			
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Network	Network	Interface	10-100 Ethernet RJ45
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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 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 Remote N/A General Reset Web or external Control & Set Up Web Interface API Document Control & Set Up General Firmware Upgrade In the Box Contents Email, FTP, PTZ Preset , Alarm Control, Recording Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, Recording Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, API Motion, Sensor Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, API Wotons Input, Client Disconnection Email, FTP, PTZ Preset , Alarm Control, API Web Interface API Document Encoder , 12v Power Supply & Lead & Fixing Kit	Data		
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 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 Remote N/A General Reset Web or external Control & Set Up Web Interface API Document Control & Set Up Upgrade In the Box Contents Email, FTP, PTZ Preset , Alarm Control, Recording For 12v Web Interface API Document Firmware Upgrade In the Box Email, FTP, PTZ Preset , Alarm Control, Recording ### Control API Upgrade Firmware Upgrade In the Box Email, FTP, PTZ Preset , Alarm Control, Recording #### Control API Upgrade Firmware Upgrade In the Box Email, FTP, PTZ Preset , Alarm Control, Recording ###################################	Data	Sensor	2 Input
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 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 Remote N/A General Reset Web or external Control & Set Up Web Interface API Document Control & Set Up Upgrade In the Box Contents Email, FTP, PTZ Preset , Alarm Control, Recording For 12v Web Interface API Document Firmware Upgrade In the Box Email, FTP, PTZ Preset , Alarm Control, Recording ### Control API Upgrade Firmware Upgrade In the Box Email, FTP, PTZ Preset , Alarm Control, Recording #### Control API Upgrade Firmware Upgrade In the Box 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 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 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 RAC 110-240v POE or 12v POE o	Event	Sources	Motion, Sensor Input, Client Disconnection
Power Adapter input volts AC 110-240v Power Adapter Output Voltage 12v DC Power Consumption 12w Recording Edge Storage USB 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 Web Interface API Document Control API Upgrade Firmware Upgrade In the Box Contents Law 12v DC	Event	Actions	Email, FTP, PTZ Preset , Alarm Control, Recording
Power Adapter input volts AC 110-240v Power Adapter Output Voltage 12v DC Power Consumption 12w Recording Edge Storage USB 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 Web Interface API Document Control API Upgrade Firmware Upgrade In the Box Contents Law 12v DC			
Power Adapter input volts AC 110-240v Power Adapter Output Voltage 12v DC Power Consumption 12w Recording Edge Storage USB 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	Power	Supply	PoE or 12v
Power Consumption 12w Recording Edge Storage USB Coperating 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 Web Interface API Document Control Set Up Upgrade Firmware Upgrade In the Box Contents USB USB USB USB USB LOS WAS LOS LOS LOS LOS LOS LOS LOS L	Power		AC 110-240v
Recording Edge Storage USB 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	Adapter Output Voltage	12v DC
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 Finder + VMS Web Interface API Document Firmware Upgrade Encoder , 12v Power Supply & Lead & Fixing Kit	Power		12w
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 Finder + VMS Web Interface API Document Firmware Upgrade Encoder , 12v Power Supply & Lead & Fixing Kit		·	
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 Finder + VMS Web Interface API Document Firmware Upgrade Encoder , 12v Power Supply & Lead & Fixing Kit	Recording	Edge Storage	USB
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 Web Interface API Document Control & Set Up Upgrade Firmware Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & Fixing Kit	_		
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 Web Interface API Document Control & Set Up Upgrade Firmware Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & Fixing Kit	Temperature	Operating Range	-10 + 50C
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			
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	Physical	Dimensions	133 x 125 x 32mm
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			
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 Web Interface API Document Control API Upgrade Firmware Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & Fixing Kit			
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			
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	General	Certifications	CE , FCC, RoHS
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			
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	General	Warranty	12 Months
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	General	Remote	N/A
Control API Upgrade Firmware Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & Fixing Kit		Reset	
Control API Upgrade Firmware Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & Fixing Kit			
Control API Upgrade Firmware Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & Fixing Kit	Control & Set Up	Set Up	Web Interface API Document
Upgrade Firmware Upgrade In the Box Contents Encoder , 12v Power Supply & Lead & Fixing Kit		<u> </u>	API
In the Box Contents Encoder , 12v Power Supply & Lead & Fixing Kit			Firmware Upgrade
	In the Box		



ANT-73000 KVM Over IP HDMI & DVI Input H.264 HD 1080P60 Video Encoder

Product Code: ANT-73000





Key Features

- 1920 x 1080 P60 Max Resolution
- Control KVM over IP H.264 Encoder
- HDMI & DVI Inputs & Outputs (USB?)
- IPv4, TCP, UDP, HTTP, RTP,RTSP, Telnet Streams Supported

Product Overview

ANT-73000 KVM Over IP HDMI & DVI Input 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 using an IP LAN ethernet connection. The inputs are HDMI & DVI with the capability of controlling a remote PC's KVM using a piece of software provided. The inputs and outputs are provided to allow for signal bypassing or looping.

The ANT-73000 KVM encoder is supplied with a free PC based application that runs on the Local PC/Laptop where you will view the 'Remote PC' stream using VLC player. The PC application when enabled allows the Local machine to take control of the remote machines keyboard and mouse.

Multiple streaming formats are supported such as IPv4, TCP, UDP, HTTP, RTP,RTSP, Telnet Streams Supported.

The encoder can be powered via 12V or USB, as well as also controlling the Remote PC/Laptop keyboard and mouse using this USB port.

44.1 and 48KHz audio is supported with embedded audio HDMI supported.

There is no RS232/485/422 2 way serial data communication, motion detection, sensor and alarm I/O for this product – please refer to other products for these features.

Rack mountable with 1U rack mount kit available supporting up to 3 encoders.

A few of the applications are:

Encode a PC screen and control the keyboard, video and mouse remotely.



ANT-73000 KVM Over IP HDMI & DVI Input H.264 HD 1080P60 Video Encoder

Product Code: ANT-73000

		ANT-73000
		-
System	Mode	Encoder
System	Standards	RTSP Low Latency
System	Latency	<150mS (system dependant)
Video	Compression	H.264
Video	Profile	Baseline
Video	Frame Rate	1- 60fps
Video	Bit Rate	32-25 mbps
Video	Mode	GOP , Rand & Contra Refresh
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	640 x 480
Video	Max Resolution	1920 x 1080
Video	Number of Streams	Primary 1 x H.264
Video	Inputs	1 x HDMI (DVI)
Video	Input Combinations	Any 1 Input
Video Video	Outputs	N/A
Video	Output Combinations On Screen Display	N/A English
video	On Screen Display	English
Audio	Mode	Simplex Stereo
Audio	Compression	2 Channel PCM, DTS 5.1, AC3 5.1
Audio	Sample Rate	44.1/48kHz
Audio	Bit Rate	16bit ADC
Audio	Streaming	1 Way Stereo
Audio	Inputs	Embedded HDMI Audio
Audio	Outputs	N/A
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4, TCP, UDP, IGMP(Multicast),HTTP,RTSP,DNS
Network	Security	Password Protection
Network	Configuration	SDK, WEB
	_	
Data	Туре	N/A
Data	Interface	N/A
Data	Protocol	N/A
Data Data	Alarm Sensor	N/A N/A
Data	Jenson	IN/A
Event	Sources	N/A
Event	Actions	N/A
		,
Power	Supply	5v USB External
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	5v DC USB
Power	Consumption	5w
Recording	Edge Storage	N/A
Temperature	Operating Range	0c - 70c
n		440.00.45
Physical	Dimensions	110 x 96 x 45mm
Physical Physical	Weight Housing	320g Black Aluminum
i iiyalcai	riousiig	DIGEN ARBITHMENT
General	Certifications	CE , FCC, RoHS
General	Software	KVM Software
General	Warranty	12 Months
General	Remote	N/A
General	Reset	Web or external
Control & Set Up	Set Up	Web Interface
	Control	Keyboard & Mouse (not included)
	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
General	Certifications	CE , FCC, RoHS
	Software	IP Finder + VMS
	Warranty	12 Months
	Remote	N/A Web or external
	Reset	web of external
Control & Set Up	Set Un	Web Interface API Document
Control & Set Up	Set Up Control	Web or ONVIF
	Upgrade	Firmware Upgrade
In the Box	Contents	Camera , 12v Power Supply
	Power Cable/adapter	UK/US/EU/China/Aus
	,	



ANT-ZB1200 ONVIF ready Zoom Block with integrated H265/264 Encoder Compression

Product Code: ANT-ZB1200





Key Features

- 1920 x 1800 P60 Zoom Block
- Integrated ONVIF Profile S Codec
- 35 x Optical Zoom with 1/1.9 Sony Exmoor CMOS Sensor
- H.265 / H.264 / MJPEG Codecs
- RTSP MPEG-TS RTMP Streaming

Product Overview

The ANT-ZB1200 is a new fully integrated Zoom block and H265/264 Video compression codec with full ONVIF profile S support (with quad profiles). Supporting 35X analogue zoom 1080P60 this integrated zoom block overcomes integration issues with LVDS and allows low data rates to be applied via slip rings. Streaming can be via ONVIF RTSP MPEG-TS and RTMP over ethernet. Two way Audio alarm and other sensor functions included. All inputs and outputs are available on a header connection for simple integration. Full ONVIF Profile S support allows this zoom block to be integrated into any VMS eg. Milestone / Genetic etc. Applications include UAV , submersibles, custom camera designs, machine vision.

This zoom block features Secure Reliable Transport (SRT). SRT enables the delivery of high-quality and secure, low latency video across the public internet. SRT optimises streaming performance across unpredictable networks with secure streams and easy firewall traversal, bringing the best quality live video over the worst networks. It accounts for packet loss, jitter and fluctuating bandwidth whilst maintaining the integrity and quality of your video.



ANT-ZB1200 ONVIF ready Zoom Block with integrated H265/264 Compression Product Code: ANT-ZB1200

	Image sensor	1/1.9" Sony Exmor CMOS Sensor				
	Lens type	AF, Auto iris				
CAMERA	Zoom	Optical 35x, Digital 16x				
	Focal length	f = 6 ~ 210mm				
	Maxi.aperture ratio	F1.5 ~ F5.4				
	Angle of view	Horizontal : 58.5°(wide) ~ 2.1°(tele)				
	Minimore	Color : 0.02375 lux at 1/15sec, F1.6, 50IRE				
	Minimum illumination	BW: 0.000625lux at 1/15sec, F1.6, 50IRE				
	Electronic shutter speed	1/1 ~ 1/100,000				
	Privacy masking	4 regions				
	Flip mode	Horizontal, Vertical				
		AE, AWB, AGC, Auto ICR (Auto IR-Cut Filter Removal), BLC, WDR				
	Image enhancement	DIS (Digital Image Stablization), Defog, Dss (Digital Shutter Speed)				
		DNR (Digital Noise Reduction)				
	Compression	H.265/H.264/MJPEG				
	Frame rate	Max 60fps @ 1920x1080				
\/IDE0	Bitrate	Primary : 32Kbps ~ 16Mbps, Secondary : 32Kbps ~ 4Mbps				
VIDEO	Resolutions	352x240 ~ 1920x1080				
	Streaming	Primary : H.265/H.264, Secondary x 3 : H.265/H.264/MJPEG				
	Burn-in OSD	Multi-lingual				
	Compression	G.711 / AAC				
ALIDIO	Sampling rate	G.711 : 8 KHz, AAC : 32 kHz / 44.1 kHz / 48 kHz				
AUDIO	Bitrate	G.711: 64Kbps, AAC: 64Kbps/128Kbps				
	Streaming	G.711 : Full-duplex, AAC : Full-duplex				
		IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS				
	Protocol	FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero Configuration, NTP				
Network		SRT, MPEG-TS, RTP, RTSP, RTMP, DDNS				
	Security	Password protection, IP address filtering, HTTPS encryption, SRT				
	API	Truen protocol/SDK, ONVIF, PSIA				
PTZ	Control protocol	40 Types of control protocol including Pelco D, Pelco P				
E) (E) :=	Event sources	Motion, Sensor, Video loss, Client disconnection, Audio detection				
EVENT	Event actions	Alarm, Email, FTP, Google Drive, Preset, Event OSD, HTTP Action				
	Power consumption	Max DC12V/5W				
OFNEDAL	Operating condition	-10°C ~ 50°C (14°F ~ 122°F) / 20% ~ 80% RH				
GENERAL	Dimension	55.5 (W) x 124.3 (L) x 66.5 (H) [mm]				
	Weight	356.4g				



ANT-ZB1200 ONVIF ready Zoom Block with integrated H265/264 Compression

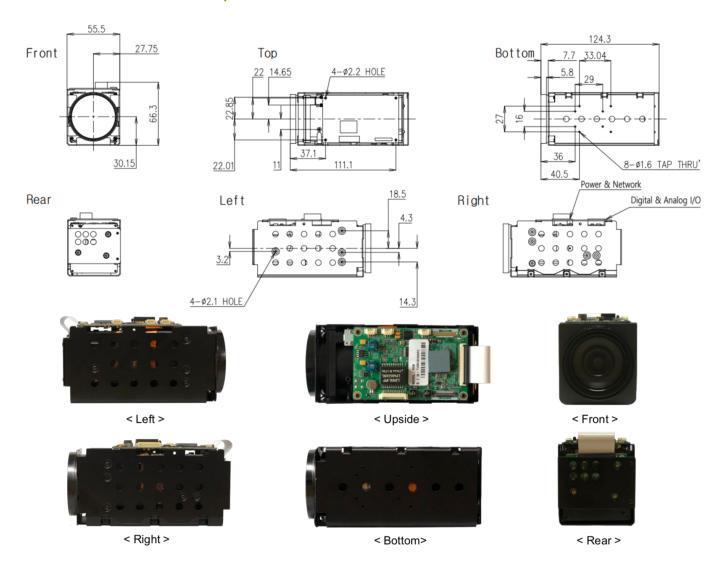
Product Code: ANT-ZB1200

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PWR

DC 5V Output (Max 100mA)

Dimensions & Pin Out Description



<Pin Assignment & Connector>

	<u>R0M-J4</u>								<u> </u>	<u>ROM-J1</u>	
Pin No.	Signal	Dir	Description	Pin No.	Signal	Dir	Description	Pin No.	Signal	Dir	Description
1	EXT_RTX+	I/O	RS-485 +	16	5V	PWR	DC 5V Output (Max 100mA)	1	NETWORK_D-	10	Ethernet Negative Data 4
2	EXT_RTX-	I/O	RS-485 -	17	Reserved	1/0	Reserved	2	NETWORK_D+	10	Ethernet Positive Data 4
3	AC_IN_L	- 1	Audio Line input	18	Reserved	1/0	Reserved	3	NETWORK_C-	10	Ethernet Negative Data 3
4	AC_OUT_L	0	Audio Line output	19	GND	PWR	Ground	4	NETWORK_C+	10	Ethernet Positive Data 3
5	IP_RESET	- 1	Factory reset Input(Active Low)	20	Reserved GPIO0	1/0	GPO(For Alarm Output, 3.3V Signal output)	5	NETWORK_B-	10	Ethernet Negative Data 2
6	DAC_CVBS	0	CVBS output	21	Reserved GPIO1	1/0	GPI(For Sensor Input, 3.3V Signal input)	6	NETWORK_B+	10	Ethernet Positive Data 2
7	Reserved	0	Reserved	22	3.3V	PWR	DC 3.3V Output (Max 100mA)	7	NETWORK_A-	10	Ethernet Negative Data 1
8	Reserved	0	Reserved	23	3.3V	PWR	DC 3.3V Output (Max 100mA)	8	NETWORK_A+	Ю	Ethernet Positive Data 1
9	Reserved	0	Reserved	24	SDIO0_DETECT	1	SDIO 0 card detection signal, active low	9	VIN	PWR	Supply Voltage DC12V
10	Reserved	1	Reserved	25	SDIO0_CLK	0	SDIO 0 output working clock for the card	10	VIN	PWR	Supply Voltage DC12V
11	INTER_Tx1	0	Connect to INTER_Rx2	26	SDIO0_CMD	1/0	SDIO 0 command	11	GND	PWR	Ground
12	INTER_Rx1	ı	Connect to INTER_Tx2	27	SDIO0_DATA0	1/0	SDIO 0 data 0	12	GND	PWR	Ground
13	INTER_Tx2	0	Connect to INTER_Rx1	28	SDIO0_DATA1	1/0	SDIO 0 data 1				
14	INTER_Rx2	1	Connect to INTER_Tx1	29	SDIO0_DATA2	1/0	SDIO 0 data 2				

SDIO 0 data 3

SDIO0_DATA3

I/O



ANT-7000 KVM + Ultra Low Latency (30mS) HD 1080P60 H.264 Video Encoder & Decoder, Transmitter & Receiver Pair

Product Code: ANT-7000

Key Features

- · 1920 x 1080 P60 Max Resolution,
- Ultra Low Latency (30ms) glass to glass
- KVM Function -Decoder + Keyboard Mouse controls PC connected to Encoder
- H.264 Video Encoder & Decoder Pair (Transmitter & Receiver)
- HDMI Loop + USB Output(Encoder) & HDMI Video Out + 4 x USB Hosts (Decoder) for KVM control
- RTP/UDP/IP

Product Overview

The ANT-7000 is an Encoder + Decoder pair for streaming ultra low latency 1080P60 HDMI video in typically 30mS at typically 12MBits/sec over IP. The products can be used as general purpose Ultra Low Latency HDMI encoders and Decoders to send HDMI over any 10/100/1000 Ethernet LAN in 30mS . Alternatively the units also feature USB inputs and Outputs which can send Keyboard and Mouse signals from the decoder to the encoder and on to the remote PC. This allows the decoder to effectively control the remote PCs Keyboard and Mouse (see diagram).

The Encoder supports HDMI input / output connections allowing the remotely located PCs monitor to be looped through the encoder. A USB port connects to the remotely located PC and mimics a keyboard and mouse.

The Decoder outputs HDMI video which is connected to a monitor and displayed. Locally 4 x USB 2.0 ports allow connection to a keyboard and Mouse. Two-way RS232 ports are supported for other remote control applications

Streaming formats supported are RTP/UDP/IP and http web interface for setup.

The encoder & decoder can be powered via 12V DC or PoE and consume typically 5W each Audio is supported with embedded audio via HDMI.

Supports DTV, VESA & 3D video resolution standards

Key applications for this product include remote KVM requirements and Low latency video over IP e.g

Remote server room KVM control & Live Video Broadcast to Big Screens (Live Events).

Please note to achieve the low latency and KVM features these products are designed to be used as a pair. For separate encoder and decoder enquiries please contact sales@antrica.com

A few of the applications are:

- Encode a broadcast camera for low latency decoding on screen
- Encode a live event where latency need to be low to avoid audio delay and lag
- Digital Signage



ANT-7000 KVM + Ultra Low Latency (30mS) HD 1080P60 H.264 Video Encoder & Decoder, Transmitter & Receiver Pair Product Code: ANT-7000

ANT-7000 Tech Specs		ANT-7000E	ANT-7000D			
Custom	Mada	Facadar	Decoder			
System	Mode Standards	Encoder RAPID264/RTP/RTSP/UDP/IP	RAPID264/RTP/RTSP/UDP/IP			
System System	Latency	30mS typical End to End	30mS typical End to End			
System	Latericy	Soms typical End to End	Soms typical End to End			
Video	Compression	H.264	H.264			
Video	Profile	Baseline Level 4.2	Baseline L 4.2			
Video	Frame Rate	1- 60fps	1- 60fps			
Video	Bit Rate	32kbps-40 mbps	32kbps-40 mbps			
Video	Mode	GOP , Rand & Contra Refresh	GOP , Rand & Contra Refresh			
Video	Bit Rate Control	CBR, VBR	CBR, VBR			
Video	Min Resolution	720 x 480	720 x 480			
Video	Max Resolution	1920 x 1080 plus VESA and DTV resolutions	1920 x 1080 plus VESA and DTV resolutions			
Video Video	Number of Streams Inputs	Primary 1 x H.264 1 x HDMI V1.3 (DVI)	Primary 1 x H.264 USB x4			
Video	Input Combinations	HDMI only	N/A			
Video	Outputs	HDMI V1.3 Output (Bypass)	HDMI V 1.3 + USB control			
Video	Output Combinations	HDMI only	HDMI out			
Video	On Screen Display	English	English			
Audio	Mode	Duplex Stereo Audio	Duplex Stereo Audio			
Audio	Compression	2 Channel embedded Linear PCM	2 Channel embedded Linear PCM			
Audio	Sample Rate	48 / 44.1 kHz	48 / 44.1 kHz			
Audio	Bit Rate	3mb/s (uncompressed)	3mb/s (uncompressed)			
Audio	Streaming	1 way stereo	1 Way Stereo			
Audio	Inputs	Embedded HDMI Audio	N/A			
Audio	Outputs	N/A	Embedded HDMI Audio			
Network	Interface	10-100 Ethernet RJ45	10-100 Ethernet RJ45			
Network	Protocols	IPv4, TCP, UDP, RTP HTTP IP	IPv4, TCP, UDP, RTP HTTP IP Password Protection			
Network Network	Security Configuration	Password Protection SDK, WEB	SDK, WEB			
Network	Configuration	SDK, WEB	SDN, WEB			
Data	Туре	Serial 2 Way RS232	Serial 2 Way			
Data	Interface	RS232	RS233			
Data	Protocol	Proprietry	Proprietry			
Data	Alarm	N/A	N/A			
Data	Sensor	N/A	N/A			
Event	Sources	N/A	N/A			
Event	Actions	N/A	N/A			
Power	Supply	12v or PoE	12v or PoE			
Power	Adapter input volts	AC 110-240v	AC 110-240v			
Power	Adapter Output Voltage	12v DC	12v DC			
Power	Consumption	6W	5W			
Docarding	Edga Staraga	NI/A	N/A			
Recording	Edge Storage	N/A	N/A			
Temperature	Operating Range	0c - 40c	0c - 40c			
Temperature	Operating Nange	00 - 400	00 - 400			
Physical	Dimensions	30 x 160 x 105 mm	30 x 160 x 106 mm			
Physical	Weight	320 g	321 g			
Physical	Housing	Black Aluminum	Black Aluminum			
•	1					
General	Certifications	CE , FCC, RoHS	CE , FCC, RoHS			
General	Software	N/A	N/A			
General	Warranty	12 Months	12 Months			
General	Remote	N/A	N/A			
General	Reset	Web or external	Web or external			
Control & Set Up	Set Up	Web Interface API Document	Web Interface API Document			
	Control	API	API			
	Upgrade	Firmware Upgrade	Firmware Upgrade			
In the Box	Contents	Encoder , 12v Power Supply & Lead	Encoder , 12v Power Supply & Lead			
	Power Cable/adapter	1 of either UK/US/EU/China/Aus	1 of either UK/US/EU/China/Aus			
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