

**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
- ✓ 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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

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

Product Code: ANT-2014

### Technical Specification

		ANT-2014
System	Mode	Encoder
System	Standards	ONVIF Discovery, RTSP, RTMP, HTTP, MPEG-TS
System	Latency	>150mS (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 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	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 Internal
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	240v Internal
Power	Consumption	39w
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/adaptor	1 of either UK/US/EU/China/Aus
General	Certifications	CE , FCC, RoHS
	Software	IP Finder + VMS
	Warranty	12 Months
	Remote	N/A
	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	Web or ONVIF
	Upgrade	Firmware Upgrade
In the Box	Contents	Camera , 12v Power Supply
	Power Cable/adaptor	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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

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

Product Code: ANT-2200

### Technical Specification

		ANT-2200
System	Mode	Encoder
System	Standards	ONVIF Discovery, RTSP, RTMP, HTTP, MPEG-TS
System	Latency	>150mS (system dependant)
Video	Compression	H.264 or H.265
Video	Profile	Base, Main or High
Video	Frame Rate	1-60 fps
Video	Bit Rate	16-12 mbps
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	320 x 180
Video	Max Resolution	1920 x 1080
Video	Number of Streams	Primary 1 x H.264 or H.265 / Secondary 1 x H.264 or H.265
Video	Inputs	1 x HDMI (DVI)
Video	Input Combinations	Any 1 Input
Video	Outputs	1 x HDMI (DVI)
Video	Output Combinations	Any 1 Output
Video	On Screen Display	English
Audio	Mode	Simplex Stereo
Audio	Compression	G.711 + AAC + MP3
Audio	Sample Rate	G711 = 8KHz, AAC = 32/44.1kHz MP3 = 32/44.1kHz
Audio	Bit Rate	G711=64kbps, AAC= 24-256kb/s MP3 = 24-256kb/s
Audio	Streaming	1 Way Stereo
Audio	Inputs	Analogue Stereo Jack (1vpp) or Embedded Audio
Audio	Outputs	Embedded Audio
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4, TCP, UDP, IGMP(Multicast), DHCP, HTTP, RTP, RTSP, DNS
Network	Security	Password Protection
Network	Configuration	SDK, WEB
Data	Type	N/A
Data	Interface	N/A
Data	Protocol	N/A
Data	Alarm	N/A
Data	Sensor	N/A
Event	Sources	N/A
Event	Actions	N/A
Power	Supply	12v
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	9.6w
Recording	Edge Storage	N/A
Temperature	Operating Range	0 + 50C
Physical	Dimensions	147 x 100 x 40mm
Physical	Weight	295g
Physical	Housing	Silver Aluminum
General	Certifications	CE, FCC, RoHS
General	Software	N/A
General	Warranty	12 Months
General	Remote	N/A
General	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	API
	Upgrade	Firmware Upgrade
In the Box	Contents	Encoder, 12v Power Supply & Lead, HDMI, & Fixing Kit
	Power Cable/adaptor	1 of either UK/US/EU/China/Aus
General	Certifications	CE, FCC, RoHS
	Software	IP Finder + VMS
	Warranty	12 Months
	Remote	N/A
	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	Web or ONVIF
	Upgrade	Firmware Upgrade
In the Box	Contents	Camera, 12v Power Supply
	Power Cable/adaptor	UK/US/EU/China/Aus

**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
- ✓ Encode video from a piece of medical equipment and send to remote consultant to oversee the procedure
- ✓ Encode HDMI one the move This 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

## Technical Specification

		ANT-2210
System	Mode	Encoder
System	Standards	ONVIF Discovery, RTSP, RTMP, HTTP, MPEG-TS
System	Latency	>150mS (system dependant)
Video	Compression	H.264 or H.265
Video	Profile	Base, Main or High
Video	Frame Rate	1-60 fps
Video	Bit Rate	16-12 mbps
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	320 x 180
Video	Max Resolution	1920 x 1080
Video	Number of Streams	Primary 1 x H.264 or H.265 / Secondary 1 x H.264 or H.265
Video	Inputs	1 x HDMI (DVI)
Video	Input Combinations	Any 1 Input
Video	Outputs	N/A
Video	Output Combinations	N/A
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	N/A
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4, TCP, UDP, IGMP(Multicast), DHCP, HTTP, RTP, RTSP, DNS
Network	Security	Password Protection
Network	Configuration	SDK, WEB
Data	Type	N/A
Data	Interface	N/A
Data	Protocol	N/A
Data	Alarm	N/A
Data	Sensor	N/A
Event	Sources	N/A
Event	Actions	N/A
Power	Supply	5v USB External or Internal Lithium Cell
Power	Adapter input volts	USB Cable
Power	Adapter Output Voltage	5v DC
Power	Consumption	5w
Recording	Edge Storage	N/A
Temperature	Operating Range	0 + 50C
Physical	Dimensions	102 x 71 x 25
Physical	Weight	220g
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 , 5v USB Power Supply & USB Lead & HDMI
	Power Cable/adaptor	1 of either UK/US/EU/China/Aus
General	Certifications	CE , FCC, RoHS
	Software	IP Finder + VMS
	Warranty	12 Months
	Remote	N/A
	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	Web or ONVIF
	Upgrade	Firmware Upgrade
In the Box	Contents	Camera , 12v Power Supply
	Power Cable/adaptor	UK/US/EU/China/Aus

## 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

### Technical Specification

		ANT-2400
System	Mode	Encoder
System	Standards	ONVIF (Not Profile S), RTSP, RTP, RTMP, HTTP, UDP, TCP
System	Latency	>150mS
Video	Compression	H.264 (MJPEG-4) / H.265 (HEVC)
Video	Profile	Baseline & High H264 plus HEVC
Video	Frame Rate	5-60 fps (Max at UHD 3840x2160 is 30fps)
Video	Bit Rate	16kbps-50 mbps
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	320 x 180
Video	Max Resolution	3840 x 2160 (2560x1600, 2560x1440 , 2048x1152 , 1080 and 720P)
Video	Number of Streams	Primary 1 x H.265 & 1 Secondary H.265 or Primary 1 x H.264 & Secondary H.264
Video	Inputs	1 x HDMI
Video	Input Combinations	Any 1 Input
Video	Outputs	N/A
Video	Output Combinations	N/A
Video	On Screen Display	English
Audio	Mode	Full Duplex Stereo
Audio	Compression	MP3 + AAC + G711
Audio	Sample Rate	G711 = 8Khz , AAC= 32/44.1/48kHz
Audio	Bit Rate	G711=64kbps, AAC= 64/128kb/256Kbs
Audio	Streaming	1 Way Stereo
Audio	Inputs	Line In , HDMI Audio
Audio	Outputs	N/A
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	ONVIF (Not Profile S), RTSP, RTP, RTMP, HTTP, UDP, TCP
Network	Security	Password Protection, HTTP
Network	Configuration	SDK, API, HTTP
Data	Type	N/A
Data	Interface	N/A
Data	Protocol	N/A
Data	Alarm	N/A
Data	Sensor	N/A
Event	Sources	N/A
Event	Actions	N/A
Power	Supply	12v (Compact Size)
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	5w
Recording	Edge Storage	Micro SD Card
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
	Upgrade	Firmware Upgrade
In the Box	Contents	Encoder , 5v Power Supply, Country converters HDMI Audio Ethernet
	Power Cable/adaptor	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 encoder. Multiple streaming formats are supported RTSP, RTMP, HTTP, MPEG-TS plus ONVIF Discovery,

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

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

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

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

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

Product Code: ANT-2400B

### Technical Specification

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

**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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

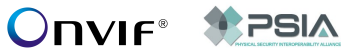
**ANT-2014, 4 x HDMI & DVI Channel Input H.264 HD 1080P60 Video Encoder**  
Product Code: ANT-2014

## Technical Specification

		ANT-2504
System	Mode	Encoder
System	Standards	ONVIF Discovery, RTSP, RTMP,HTTP, MPEG-TS
System	Latency	>150mS (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
Network	Configuration	SDK, WEB
Data	Type	N/A
Data	Interface	N/A
Data	Protocol	N/A
Data	Alarm	N/A
Data	Sensor	N/A
Event	Sources	N/A
Event	Actions	N/A
Power	Supply	12v Internal
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	240v Internal
Power	Consumption	39w
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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

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

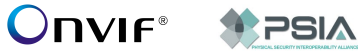
Product Code: ANT-3300

### Technical Specification

		ANT-3300
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	Bit Rate	32-10 mbps
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	Inputs	1 x Composite
Video	Input Combinations	Any 1 Input
Video	Outputs	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)
Audio	Outputs	Analogue Stereo Jack (1vpp)
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS, RTP, RTSP, FTP, SNMP, SMTP, DNS
Network	Security	Password Protection, Ip Address Filtering, HTTPS
Network	Configuration	SDK, ONVIF, WEB
Data	Type	Serial 2 Way
Data	Interface	RS232, RS422, RS485
Data	Protocol	Pelco D + others
Data	Alarm	2 Output + Buzzer
Data	Sensor	2 Input
Event	Sources	Motion, Sensor Input, Client Disconnection
Event	Actions	Email, FTP, PTZ Preset , Alarm Control, Recording
Power	Supply	PoE or 12v
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	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	API
	Upgrade	Firmware Upgrade
In the Box	Contents	Encoder , 12v Power Supply & Lead & Fixing Kit
	Power Cable/adaptor	1 of either UK/US/EU/China/Aus
General	Certifications	CE , FCC, RoHS
	Software	IP Finder + VMS
	Warranty	12 Months
	Remote	N/A
	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	Web or ONVIF
	Upgrade	Firmware Upgrade
In the Box	Contents	Camera , 12v Power Supply
	Power Cable/adaptor	UK/US/EU/China/Aus

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

Product Code: ANT-3410



### Key Features

- Four independent 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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

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

Product Code: ANT-3410

### Technical Specification

		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	Inputs	4 x Composite
Video	Input Combinations	All 4 Input
Video	Outputs	1 x Composite Quad Output
Video	Output Combinations	1 Quad Display 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	1 x Analogue Stereo Jack (1vpp)
Audio	Outputs	1 x Analogue Stereo Jack (1vpp)
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP,HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP,DNS
Network	Security	Password Protection, Ip Address Filtering, HTTPS
Network	Configuration	SDK, ONVIF, WEB
Data	Type	Serial 2 Way
Data	Interface	RS232, RS422, RS485
Data	Protocol	Pelco D + others
Data	Alarm	2 Output + Buzzer
Data	Sensor	2 Input
Event	Sources	Motion, Sensor Input, Client Disconnection
Event	Actions	Email, FTP, PTZ Preset , Alarm Control, Recording
Power	Supply	PoE or 12v
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	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	API
	Upgrade	Firmware Upgrade
In the Box	Contents	Encoder , 12v Power Supply & Lead & Fixing Kit
	Power Cable/adaptor	1 of either UK/US/EU/China/Aus
General	Certifications	CE , FCC, RoHS
	Software	IP Finder + VMS
	Warranty	12 Months
	Remote	N/A
	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	Web or ONVIF
	Upgrade	Firmware Upgrade
In the Box	Contents	Camera , 12v Power Supply
	Power Cable/adaptor	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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

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

Product Code: ANT-4000E

### Technical Specification

		ANT-4000E
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	32-12 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	Type	Serial 2 Way
Data	Interface	3.3v TTL (only if used with ANT-4000D)
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	12w
Recording	Edge Storage	N/A
Temperature	Operating Range	0c - 40c
Physical	Dimensions	195 x 105 x 44mm
Physical	Weight	665g
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 , 12v Power Supply & Lead & Fixing Kit
	Power Cable/adaptor	1 of either UK/US/EU/China/Aus

**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

This product is not limited to the markets and applications described.  
Please download or full application catalogue here.

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

Product Code: ANT-6000E

## Technical Specification

		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
Data	Type	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
Event	Sources	N/A
Event	Actions	N/A
Power	Supply	12v or PoE
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	13w
Recording	Edge Storage	N/A
Temperature	Operating Range	0c - 40c
Physical	Dimensions	30 x 102 x 190mm
Physical	Weight	422g
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 , 12v Power Supply & Lead & Fixing Kit
	Power Cable/adaptor	1 of either UK/US/EU/China/Aus

**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

## Technical Specification

		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	Bit Rate	32-10 mbps
Video	Mode	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	Outputs	1 x HDMI (DVI) , 1 x HD-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)
Audio	Outputs	Analogue Stereo Jack (1vpp)
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP,HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP, DNS
Network	Security	Password Protection, Ip Address Filtering, HTTPS
Network	Configuration	SDK, ONVIF, WEB
Data	Type	Serial 2 Way
Data	Interface	RS232, RS422, RS485
Data	Protocol	Pelco D + others
Data	Alarm	2 Output + Buzzer
Data	Sensor	2 Input
Event	Sources	Motion, Sensor Input, Client Disconnection
Event	Actions	Email, FTP, PTZ Preset , Alarm Control, Recording
Power	Supply	PoE or 12v
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	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
	Power Cable/adaptor	1 of either UK/US/EU/China/Aus
General	Certifications	CE , FCC, RoHS
	Software	IP Finder + VMS
	Warranty	12 Months
	Remote	N/A
	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	Web or ONVIF
	Upgrade	Firmware Upgrade
In the Box	Contents	Camera , 12v Power Supply
	Power Cable/adaptor	UK/US/EU/China/Aus

**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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

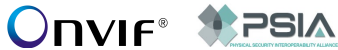
# ANT-35000A HDMI,HD-SDI, DVI & Composite Input ONVIF H.264 HD 1080P60 Video Encoder

Product Code: ANT-35000A

## Technical Specification

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
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP,HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP, DNS
Network	Security	Password Protection, Ip Address Filtering, HTTPS
Network	Configuration	SDK, ONVIF, WEB
Data	Type	Serial 2 Way
Data	Interface	RS232, RS422, RS485
Data	Protocol	Pelco D + others
Data	Alarm	2 Output + Buzzer
Data	Sensor	2 Input
Event	Sources	Motion, Sensor Input, Client Disconnection
Event	Actions	Email, FTP, PTZ Preset , Alarm Control, Recording
Power	Supply	PoE or 12v
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	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
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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

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

## Technical Specification

Main	Sub	ANT-35000A1
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
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP,HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP, DNS
Network	Security	Password Protection, Ip Address Filtering, HTTPS
Network	Configuration	SDK, ONVIF, WEB
Data	Type	Serial 2 Way
Data	Interface	RS232, RS422, RS485
Data	Protocol	Pelco D + others
Data	Alarm	2 Output + Buzzer
Data	Sensor	2 Input
Event	Sources	Motion, Sensor Input, Client Disconnection
Event	Actions	Email, FTP, PTZ Preset , Alarm Control, Recording
Power	Supply	PoE or 12v
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	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
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-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 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.
- ✓ 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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

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

Product Code: ANT-35000H

### Technical Specification

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
Network	Protocols	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP,HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP, DNS
Network	Security	Password Protection, Ip Address Filtering, HTTPS
Network	Configuration	SDK, ONVIF, WEB
Data	Type	Serial 2 Way
Data	Interface	RS232, RS422, RS485
Data	Protocol	Pelco D + others
Data	Alarm	2 Output + Buzzer
Data	Sensor	2 Input
Event	Sources	Motion, Sensor Input, Client Disconnection
Event	Actions	Email, FTP, PTZ Preset , Alarm Control, Recording
Power	Supply	PoE or 12v
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	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
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/adaptor	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.
- ✓ 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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

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

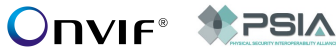
Product Code: ANT-35000H1

### Technical Specification

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	Mode	Full Duplex Stereo
Audio	Compression	G.711 + AAC
Audio	Sample Rate	G711 = 8Khz , AAC= 32/44.1/48KHz
Audio	Bit Rate	G711=64kbps, AAC= 64/128kb/s
Audio	Streaming	2 Way Stereo
Audio	Inputs	Analogue Stereo Jack (1vpp) or Embedded Audio
Audio	Outputs	Analogue Stereo Jack (1vpp) or Embedded Audio
Network	Interface	10-100 Ethernet RJ45
Network	Protocols	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP,HTTP, HTTPS, RTP,RTSP, FTP, SNMP, SMTP, DNS
Network	Security	Password Protection, Ip Address Filtering, HTTPS
Network	Configuration	SDK, ONVIF, WEB
Data	Type	Serial 2 Way
Data	Interface	RS232, RS422, RS485
Data	Protocol	Pelco D + others
Data	Alarm	2 Output + Buzzer
Data	Sensor	2 Input
Event	Sources	Motion, Sensor Input, Client Disconnection
Event	Actions	Email, FTP, PTZ Preset , Alarm Control, Recording
Power	Supply	PoE or 12v
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	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
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/adaptor	1 of either UK/US/EU/China/Aus

## 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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

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

Product Code: ANT-38000

### Technical Specification

		ANT-38000
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- 60fps (60fps @ 1080P Res)
Video	Bit Rate	32-16 mbps
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	352 x 240
Video	Max Resolution	4096 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	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
Data	Type	Serial 2 Way
Data	Interface	RS232, RS422, RS485
Data	Protocol	Pelco D + others
Data	Alarm	2 Output + Buzzer
Data	Sensor	2 Input
Event	Sources	Motion, Sensor Input, Client Disconnection
Event	Actions	Email, FTP, PTZ Preset , Alarm Control, Recording
Power	Supply	PoE or 12v
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	12w
Recording	Edge Storage	USB
Temperature	Operating Range	-10 + 50C
Physical	Dimensions	133 x 125 x 32mm
Physical	Weight	620g
Physical	Housing	Black Aluminum
General	Certifications	CE , FCC, RoHS
General	Software	IP Finder + VMS
General	Warranty	12 Months
General	Remote	N/A
General	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	API
	Upgrade	Firmware Upgrade
In the Box	Contents	Encoder , 12v Power Supply & Lead & Fixing Kit
	Power Cable/adapter	1 of either UK/US/EU/China/Aus

**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

### Technical Specification

		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	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	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	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	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
Physical	Dimensions	110 x 96 x 45mm
Physical	Weight	320g
Physical	Housing	Black Aluminum
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/adaptor	1 of either UK/US/EU/China/Aus
General	Certifications	CE , FCC, RoHS
	Software	IP Finder + VMS
	Warranty	12 Months
	Remote	N/A
	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	Web or ONVIF
	Upgrade	Firmware Upgrade
In the Box	Contents	Camera , 12v Power Supply
	Power Cable/adaptor	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.

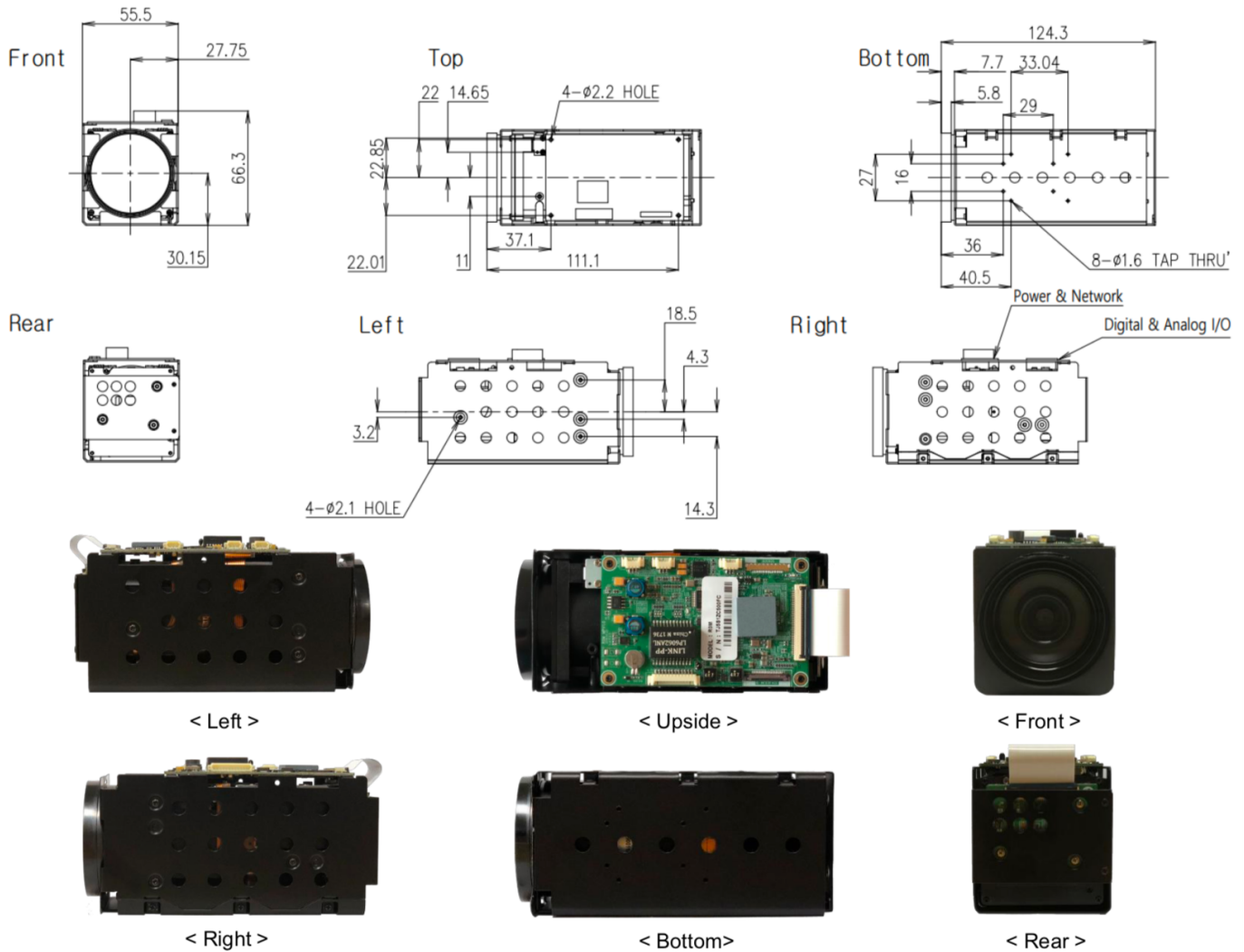
**ANT-ZB1200 ONVIF ready Zoom Block with integrated H265/264 Compression**  
Product Code: ANT-ZB1200

**Technical Specification**

CAMERA	Image sensor	1/1.9" Sony Exmor CMOS Sensor
	Lens type	AF, Auto iris
	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)
	Minimum illumination	Color : 0.02375 lux at 1/15sec, F1.6, 50IRE 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
	Image enhancement	AE, AWB, AGC, Auto ICR (Auto IR-Cut Filter Removal), BLC, WDR DIS (Digital Image Stabilization), Defog, Dss (Digital Shutter Speed) DNR (Digital Noise Reduction)
VIDEO	Compression	H.265/H.264/MJPEG
	Frame rate	Max 60fps @ 1920x1080
	Bitrate	Primary : 32Kbps ~ 16Mbps, Secondary : 32Kbps ~ 4Mbps
	Resolutions	352x240 ~ 1920x1080
	Streaming	Primary : H.265/H.264, Secondary x 3 : H.265/H.264/MJPEG
	Burn-in OSD	Multi-lingual
AUDIO	Compression	G.711 / AAC
	Sampling rate	G.711 : 8 KHz, AAC : 32 kHz / 44.1 kHz / 48 kHz
	Bitrate	G.711 : 64Kbps, AAC: 64Kbps/128Kbps
	Streaming	G.711 : Full-duplex, AAC : Full-duplex
Network	Protocol	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero Configuration, NTP 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
EVENT	Event sources	Motion, Sensor, Video loss, Client disconnection, Audio detection
	Event actions	Alarm, Email, FTP, Google Drive, Preset, Event OSD, HTTP Action
GENERAL	Power consumption	Max DC12V/5W
	Operating condition	-10°C ~ 50°C ( 14°F ~ 122°F ) / 20% ~ 80% RH
	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

**Dimensions & Pin Out Description**



**<Pin Assignment & Connector>**

ROM-J4								ROM-J1			
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-	IO	Ethernet Negative Data 4
2	EXT_RTX-	I/O	RS-485 -	17	Reserved	I/O	Reserved	2	NETWORK_D+	IO	Ethernet Positive Data 4
3	AC_IN_L	I	Audio Line input	18	Reserved	I/O	Reserved	3	NETWORK_C-	IO	Ethernet Negative Data 3
4	AC_OUT_L	O	Audio Line output	19	GND	PWR	Ground	4	NETWORK_C+	IO	Ethernet Positive Data 3
5	IP_RESET	I	Factory reset Input(Active Low)	20	Reserved GPIO0	I/O	GPO(For Alarm Output, 3.3V Signal output)	5	NETWORK_B-	IO	Ethernet Negative Data 2
6	DAC_CVBS	O	CVBS output	21	Reserved GPIO1	I/O	GPI(For Sensor Input, 3.3V Signal input)	6	NETWORK_B+	IO	Ethernet Positive Data 2
7	Reserved	O	Reserved	22	3.3V	PWR	DC 3.3V Output (Max 100mA)	7	NETWORK_A-	IO	Ethernet Negative Data 1
8	Reserved	O	Reserved	23	3.3V	PWR	DC 3.3V Output (Max 100mA)	8	NETWORK_A+	IO	Ethernet Positive Data 1
9	Reserved	O	Reserved	24	SDIO0_DETECT	I	SDIO 0 card detection signal, active low	9	VIN	PWR	Supply Voltage DC12V
10	Reserved	I	Reserved	25	SDIO0_CLK	O	SDIO 0 output working clock for the card	10	VIN	PWR	Supply Voltage DC12V
11	INTER_Tx1	O	Connect to INTER_Rx2	26	SDIO0_CMD	I/O	SDIO 0 command	11	GND	PWR	Ground
12	INTER_Rx1	I	Connect to INTER_Tx2	27	SDIO0_DATA0	I/O	SDIO 0 data 0	12	GND	PWR	Ground
13	INTER_Tx2	O	Connect to INTER_Rx1	28	SDIO0_DATA1	I/O	SDIO 0 data 1				
14	INTER_Rx2	I	Connect to INTER_Tx1	29	SDIO0_DATA2	I/O	SDIO 0 data 2				
15	5V	PWR	DC 5V Output (Max 100mA)	30	SDIO0_DATA3	I/O	SDIO 0 data 3				

## 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](mailto: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

This product is not limited to the markets and applications described.  
Please download or full application catalogue [here](#).

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

## Technical Specification

ANT-7000 Tech Specs		ANT-7000E	ANT-7000D
System	Mode	Encoder	Decoder
System	Standards	RAPID264/RTP/RTSP/UDP/IP	RAPID264/RTP/RTSP/UDP/IP
System	Latency	30mS typical End to End	30mS 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	Number of Streams	Primary 1 x H.264	Primary 1 x H.264
Video	Inputs	1 x HDMI V1.3 (DVI)	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
Network	Security	Password Protection	Password Protection
Network	Configuration	SDK, WEB	SDK, WEB
Data	Type	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
Recording	Edge Storage	N/A	N/A
Temperature	Operating Range	0c - 40c	0c - 40c
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
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