

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](#).

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Technical Specification

		ANT-4000E
System	Mode	Encoder
System	Standards	RTSP, MPEG-TS , Low Latency Proprietary
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/adapter	1 of either UK/US/EU/China/Aus
General	Certifications	CE , FCC, RoHS
	Software	IP Finder + VMS
	Warranty	12 Months
	Remote	N/A
	Reset	Web or external
Control & Set Up	Set Up	Web Interface API Document
	Control	Web or ONVIF
	Upgrade	Firmware Upgrade
In the Box	Contents	Camera , 12v Power Supply
	Power Cable/adapter	UK/US/EU/China/Aus