

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.

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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/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