

ANT-6000D HDMI,HD-SDI, DVI & VGA H.264 HD 1080P60 Video Decoder
 Product Code: ANT-6000D



Key Features

- 1920 x 1080 P60 Max Resolution
- H.264 Low Latency 100ms Encoder & Decoder
- HDMI, HD-SDI, DVI & VGA Output
- TCP/IP, UDP, Multicast, DHCP, HTTP, RTSP, one to one proprietary (low latency) and MPEG-TS

Product Overview

ANT-6000D HDMI,HD-SDI, DVI & VGA Input H.264 HD 1080P60 Low Latency Video Decoder (when used with the ANT-6000E Encoder), capable of up to a 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 Input with low latency of 100ms when used together with the ANT-6000E video Encoder.

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

The Decoder can be powered via 12V or PoE.

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

RS232 TTL 2 way serial data communication.

This decoder is only compatible with the ANT-6000 Encoder, and cannot be used in conjunction with any other encoder .

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
- Encode the output of a PC and stream to a monitor with no PC attached - jut with the ANT-4000 Encoder.

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

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Technical Specification

Main	Sub	ANT-6000D
System	Mode	Decoder (Can only Be Used With ANT-6000E)
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	32-40 mbps
Video	Mode	GOP, Rand & Contra Refresh
Video	Min Resolution	CBR, VBR
Video	Max Resolution	720 x 480
Video	Number of Streams	1920 x 1080
Video	Inputs	Primary 1 x H.264
Video	Input Combinations	N/A
Video	Outputs	N/A
Video	Output Combinations	1 x HDMI (DVI), 1 x 3G HD-SDI, 1 x VGA
		Any 1 Output
Audio	Mode	English
Audio	Compression	
Audio	Sample Rate	Duplex Stereo Audio
Audio	Bit Rate	2 Channel PCM, DTS 5.1, AC3 5.1
Audio	Streaming	44.1/48kHz
Audio	Inputs	16bit ADC
Audio	Outputs	1 Way Stereo
		Analogue Stereo Jack (1vpp) or Embedded HDMI Audio
Network	Interface	Analogue Stereo Jack (1vpp)
	Protocols	
	Security	10-100 Ethernet RJ45
	Configuration	IPv4, TCP, UDP, IGMP(Multicast), DHCP,HTTP,RTSP,DNS
		Password Protection, Ip Address Filtering
Data	Type	SDK, WEB
	Interface	
	Protocol	Serial 2 Way
	Alarm	3.3v TTL (only if used with ANT-6000D)
	Sensor	N/A
		N/A
Power	Supply	N/A
	Adapter input volts	
	Output Voltage	N/A
	Consumption	N/A
Recording	Edge Storage	12v or PoE
		AC 110-240v
Temperature	Operating Range	12v DC
		13w
Physical	Dimensions	
	Weight	N/A
	Housing	
		0c - 40c
General	Certifications	30 x 102 x 190mm
	Software	422g
	Warranty	Black Aluminum
	Remote	
	Reset	CE, FCC, RoHS
		N/A
Control & Set Up	Set Up	12 Months
	Control	N/A
	Upgrade	Web or external
In the Box	Contents	
	Power Cable/adapter	Web Interface API Document
		API
		Firmware Upgrade
		Encoder, 12v Power Supply & Lead & Fixing Kit
		1 of either UK/US/EU/China/Aus