

ANT-35100H

PRODUCT TECHNICAL SPECIFICATION



ANTRICA
encoders | decoders



Key Features

- H.265/4 Low Bit Rate
- 1920 x 1200 P60 Max Resolution
- ONVIF, NDAA & VMS Approved
- HDMI Input
- RTSP, MPEG-TS, RTMP, RTP, SRT
- SRT with AES Encryption
- Replica/Replacement ANT-35000H1

Product Description

ANT-35100H is the replacement for ANT-35000H/H1 with additional H.265 option. This encoder has HDMI input and supports up to 1080P60 resolution. H.265 has the added benefit of lower bit rates over a network. Input loop in / out allows the signal to pass through the encoder while still being able to be viewed locally. Full ONVIF profile S,G&T , enabling integration with VMS software, such as Milestone / Exac etc. 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. 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. PoE or DC 12v for power options and can be rack mounted (3 per rack). SRT with AES allows secure streaming and when paired with ANT-36100 is a secure SRT point to point transmitter / receiver.

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System	Mode	Encoder
System	Standards	ONVIF Profile S, RTSP, RTP, RTMP, MPEG-TS, SRT
System	Latency	>150mS (system dependant)
Video	Compression	H.264, H.265, MJPEG
Video	Profile	Baseline & High
Video	Frame Rate	1-60 fps
Video	Bit Rate	Primary: 32Kbps ~ 16Mbps, Secondary: 32Kbps ~ 4Mbps
Video	Mode	GOP
Video	Bit Rate Control	CBR, VBR
Video	Min Resolution	320 x 240
Video	Max Resolution	1920 x 1200
Video	Number of Streams	Primary 1 x H.265/4 / Secondary 3 x H.265/4 or MJPEG
Video	Inputs	1 x HDMI (DVI)
Video	Input CombinaVons	Any 1 Input
Video	Outputs	1 x HDMI (DVI)
Video	Output CombinaVons	Any 1 Output
Audio	On Screen Display	MuV-Lingual
Audio	Mode	Full Duplex Stereo
Audio	Compression	G.711 + AAC
Audio	Sample Rate	G.711 : 8 KHz, AAC (Option) : 32 kHz / 44.1 kHz / 48 kHz
Audio	Bit Rate	G.711 : 64Kbps, AAC : 64Kbps/128Kbps
Audio	Streaming	2 Way Stereo
Audio	Inputs	Analogue Stereo Jack (1vpp) or Embedded Audio
Network	Outputs	Analogue Stereo Jack (1vpp) or Embedded Audio
	Interface	1 x Ethernet 10/100/1000Base-T (RJ-45)
Network	Protocols	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS, RTMP, SRT, RTP, RTSP, FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero Configuration, NTP, DDNS Password protection, HTTPS, IP address filtering
Network	Security	SDK, ONVIF, WEB
Network	Configuration	Serial 2 Way
Data	Type	RS232, RS422, RS485
Data	Interface	Pelco D + others
Data	Protocol	2 Output + Buzzer
Data	Alarm	2 Input
Data	Sensor	Motion, Sensor Input, Video loss, Client disconnection
Event	Sources	Notification(E-mail), FTP, PTZ preset, Alarm control, Recording
Event	Actions	Min DC12V/1.0A, PoE(Power over Ethernet): 802.3af
Power	Supply	AC 110-240v
Power	Adapter input volts	12v DC
Power	Adapter Output Voltage	DC 12V/PoE : Max 9.6W
Power	ConsumpVon	USB 3.0
Recording	Edge Storage	-10°C ~ 50°C / Less than 90% RH
Temperature	OperaVng Range	134.08(W) X 125.5(D) X 36.87(H)mm
Physical	Dimensions	470g
Physical	Weight	Black Aluminum
Physical	Housing	CE, FCC, RoHS
General	CerVficaVons	IP Finder + VMS
General	Sogware	12 Months
General	Warranty	N/A
General	Remote	Web or external
General	Reset	Web Interface API Document
General	Set Up	Antrica protocol (API) SDK, ONVIF, MPEG-TS
Control & Set Up	Control	Firmware Upgrade
	Upgrade	Encoder, 12v Power Supply & Lead & Fixing Kit
	Contents	1 of either UK/US/EU/China/Aus
In the Box	Power Cable/adapter	