



Key Features

- H.265/4 Low Bit Rate
- 1920 x 1200 P60 Max Resolution
- ONVIF, NDAA & VMS Approved
- HDMI & HD-SDI Inputs
- RTSP, MPEG-TS, RTMP, RTP, SRT
- SRT with AES Encryption
- Replica/Replacement ANT-35000A1

Product Description

ANT-35100A is the replacement for ANT-35000A/A1 with additional H.265 option. This encoder has HDMI or HD-SDI input options 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.

ANT-35100A

PRODUCT TECHNICAL SPECIFICATION



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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) , 1 x 3G-SDI
Video	Input Combinations	Any 1 Input
Video	Outputs	1 x HDMI (DVI) , 1 x 3G-SDI
Video	Output Combinations	Any 1 Output
Video	On Screen Display	MulV-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
Audio	Outputs	Analogue Stereo Jack (1vpp) or Embedded Audio
Network	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
Network	Security	Password protection, HTTPS, IP address filtering
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, Video loss, Client disconnection
Event	Actions	Notification(E-mail), FTP, PTZ preset, Alarm control, Recording
Power	Supply	Min DC12V/1.0A, PoE(Power over Ethernet): 802.3af
Power	Adapter input volts	AC 110-240v
Power	Adapter Output Voltage	12v DC
Power	Consumption	DC 12V/PoE : Max 9.6W
Recording	Edge Storage	USB 3.0
Temperature	Operating Range	-10°C ~ 50°C / Less than 90% RH
Physical	Dimensions	134.08(W) X 125.5(D) X 36.87(H)mm
Physical	Weight	470g
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	Antrica protocol (API) SDK, ONVIF, MPEG-TS
	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-1776

PRODUCT TECHNICAL SPECIFICATION



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