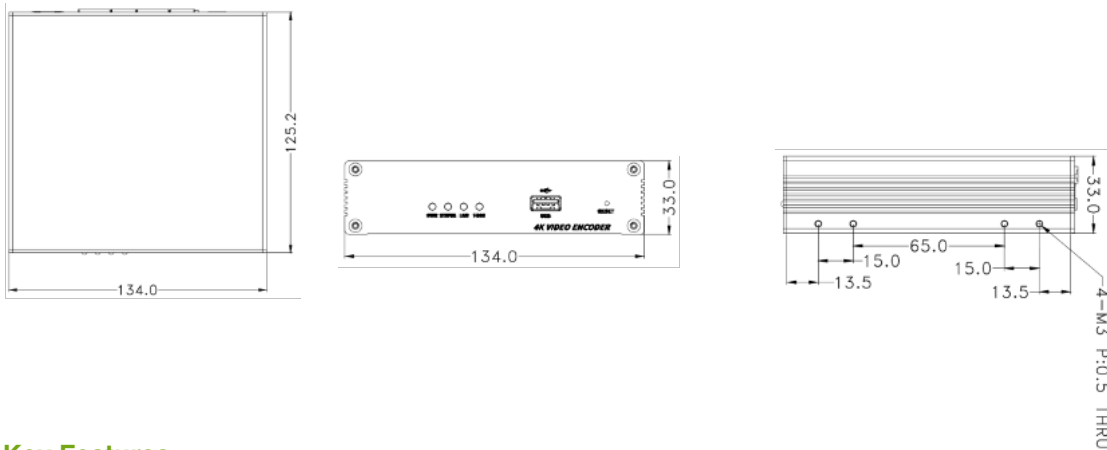


ANT-39000 HDMI 4K H.265 ONVIF Video Encoder

Product Code: ANT-39000



Key Features

- 3840 x 2160 P60 Max Resolution Single Stream Encoder
- ONVIF – Profile S & G H.264 Encoder
- Display 4 x 1080P30 streams natively on screen in quad mode
- SRT (Secure Reliable Transport)

Product Overview

ANT-39000 is a 4K video encoder with 1 x HDMI input and an output to allow for signal looping / bypassing. This encoder is configurable to H.265 or H.264 and is full ONVIF profile S & G which means it can be integrated with any video management software or ONVIF approved devices/systems.

SRT is supported which is an open source video transport protocol and technology stack that optimizes video streaming performance across unpredictable networks. With secure streams and simplified firewall traversal, SRT delivers the best quality video over the worst networks.

Multiple streaming formats are supported such as MPEG-TS, UDP, HTTP, SMTP, FTP, DHCP, DNS,dDNS, RTP, RTSP & SNP. The encoder can be powered via 12V or PoE+.

AAC and G711 two way audio is supported with embedded audio in HDMI or analogue audio jack.

RS232/485/422 2 way serial data communication, motion detection, sensor and alarm I/O.

Rack mountable with 1U rack mount kit available supporting up to 3 encoders.

ANT-39000 HDMI 4K H.265 ONVIF Video Encoder
 Product Code: ANT-39000

Technical Specification

| | | ANT-39000 |
|------------------|------------------------|---|
| System | Mode | Encoder |
| System | Standards | ONVIF Profile S, RTSP, RTP, RTMP, MPEG-TS HTTP, SRT |
| System | Latency | >150mS (system dependant) |
| Video | Compression | H.265, H.264, MJPEG |
| Video | Profile | Baseline & High |
| Video | Frame Rate | 1- 60fps (60fps @ 4K Res) |
| Video | Bit Rate | 32Kbps ~ 49,152Kbps for Primary, 32Kbps ~ 4,096Kbps for 2nd, 3rd, 4th Stream |
| Video | Mode | GOP |
| Video | Bit Rate Control | CBR, VBR, Hybrid |
| Video | Min Resolution | 320x240 |
| Video | Max Resolution | 3840 x 2160 P60 (HDMI) |
| Video | Number of Streams | Primary 1 x H.264 ,H.265 + Secondary 3 x H.264,H.265,MJPEG |
| Video | Inputs | 1x HDMI input (2.0) |
| Video | Input Combinations | HDMI Only |
| Video | Outputs | 1 x HDMI |
| Video | Output Combinations | HDMI |
| Video | On Screen Display | Multi-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 : 8 KHz, AAC: 32 kHz / 44.1 kHz / 48 kHz |
| Audio | Streaming | 2 Way Stereo |
| Audio | Inputs | Analogue Stereo Jack (1vpp) or Embedded Audio (HDMI) |
| Audio | Outputs | Analogue Stereo Jack (1vpp) or Embedded Audio (HDMI) |
| Network | Interface | 10-100-1000 Ethernet RJ45 |
| 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, Ip Address Filtering, HTTPS |
| 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, Client Disconnection |
| Event | Actions | Email, FTP, PTZ Preset , Alarm Control, Recording |
| Power | Supply | PoE+ or 12v |
| Power | Adapter input volts | AC 110-240v |
| Power | Adapter Output Voltage | 12v DC |
| Power | Consumption | 24w |
| Recording | Edge Storage | USB 3.0 |
| Temperature | Operating Range | -10 + 50C |
| Physical | Dimensions | 134.08(W) X 125(D) X 36.87(H)mm |
| Physical | Weight | 560g |
| 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 | 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 |