



PAR-ENCODER1

Single Channel Encoder with Video loop Out, SD Card Slot, 12VDC/Poe

Features

- Single Channel encoder
- Supports up to 4MP AHD, 2MP TVI/AHD/CVI and CVBS Signals
- H.265/H.264/MJPEG Compression
- Video Loop-Out - CVBS (to monitor or DVR)/HD Analog (DVR)
- Up the Cable (UTC) Control - For PTZs
- SD Card Local Storage, 128GB
- Audio Input/Output
- 12VDC/PoE Operation
- 12VDC Power Output, up to .5A/6W
- ONVIF
- Smart Analytics
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) to manage multiple units & sites from a single platform
- Free MAC client software available to manage your system from your Apple computer

Video & Audio Input

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|-----------------------|---|
| HD Analog Video Input | 1 CH, BNC interface (level : 1.0Vp-p, impedance : 75Ω), PAL / NTSC self-adaptive, 4MP AHD /CVBS video access; 2MP TVI/AHD/CVBS video access |
| Audio Input | 1 CH: 3.5 mm interface, share with MIC IN interface |

Video & Audio Encoding Parameters

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|----------------------------|--|
| Video Compression | H. 264, H.265, MJPEG |
| H.264 Compression Standard | Baseline Profile / Main Profile / High Profile |
| Bit Rate Type | VBR / CBR |
| Quality | Five levels under VBR; Freely adjustable under CBR |
| Bit Rate | 32Kbps ~ 16Mbps |
| Resolution | 4MP (2560×1440), 3MP (2304×1296) / (2048×1536), 1080P (1920×1080), 960P (1280×960), 720P (1280×720), D1, CIF, 480×240 |
| Multi-streams | 4MP (1~30fps) / 3MP (1~30fps) / 1920×1080 (1~30fps) / 960P (1~30fps) / 720P (1~30fps) / 720P (1~30fps) / D1 (1~30fps) / CIF (1~30fps) / D1 (1~30fps) / 480×240 (1~30fps) / CIF (1~30fps) |
| Audio Compression | G711A / U |
| Image Settings | ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser |
| ROI | Yes |

Interface

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|--------------|-------------------------|
| Network | RJ45 |
| Audio | MIC IN × 1, SPK OUT × 1 |
| Storage Card | Up to 128GB |
| RS485 | Yes |
| Alarm Input | 1 CH alarm input |
| Alarm Output | 1 CH alarm output |
| Local Output | 1 CH BNC output |

Functions

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|--------------------|--|
| Remote Monitoring | IE browsing, CMS remote control |
| Online Connection | Support simultaneous monitoring for up to 6 users; Support multi-stream real time transmission |
| Network Protocol | TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP |
| Interface Protocol | ONVIF, GB-T / 28181-2011 |
| Image Snap | JPEG encoding, image quality adjustable |
| Smart Analytics | Exception detection, intrusion detection, line crossing detection |
| Ingress Protection | TVS6000V lightning protection, surge protection |

Others

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|---------------------|--|
| Power Supply | PoE / DC12V |
| Power Output | Max 12V@0.5A |
| Power Consumption | <4W |
| Working Environment | -4°F~131°F(-20°C ~ 55°C),10% ~ 90%(relative humidity) |
| Dimensions (mm) | 5.6" x 2.9" x 1.1" (140 x 74.3 x 29mm) (W x D x H) |
| Weight (Net) | 220g |
| Installation | Wall mounting |

Ordering Information

PAR-ENCODER1: Single Channel Encoder