

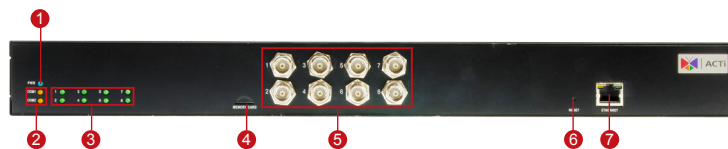
V31

8-Channel 960H/D1 H.264 Rackmount Video Encoder



- 25/30 fps at full D1 resolution (per channel)
- Selectable H.264, MJPEG compressions
- Two-way audio (per channel)
- Video motion detection (per channel)
- Digital input and digital output (per channel)
- Serial ports for PTZ control (per channel)
- Rack-mountable (1U)

PHOTO INDICATION

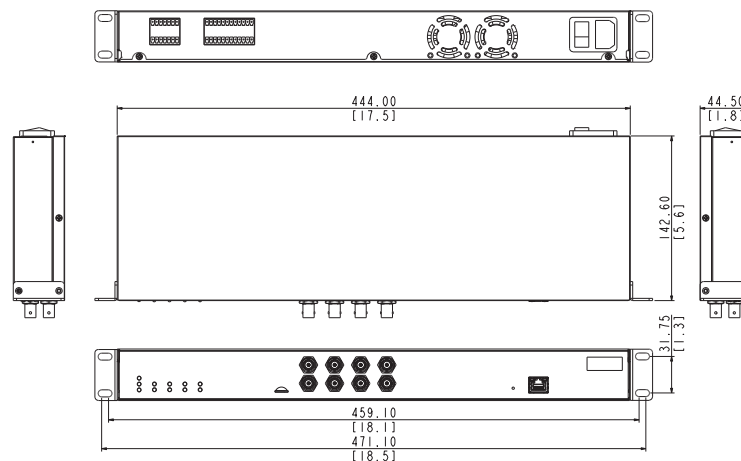


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|--------------------|----------------------|
| 1 Power LED | 5 Analog Video Input |
| 2 Serial Port LEDs | 6 Reset Button |
| 3 LAN LEDs | 7 Ethernet Port |
| 4 Memory Card Slot | |



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|------------------|--|
| 8 AC Power Input | 10 Audio Input / Output & Digital Input / Output |
| 9 Power Switch | 11 Serial Port |

DIMENSION DIAGRAM



Unit: mm [inch]

PRODUCT SPECIFICATION

V31

• Device

Device Type	Video Encoder
Number of Channels	8

• PTZ

Protocol	Pelco-D, Pelco-P, Dynacolor
Control	Remotely manual control; 32 preset points

• Video

Compression	H.264 HP, MJPEG
Max. Frame Rate vs. Resolution	30 fps at 960 x 480 (NTSC) 25 fps at 960 x 576 (PAL) 30 fps at 720 x 480 (Full D1, NTSC) 25 fps at 720 x 576 (Full D1, PAL)
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Brightness; Saturation; Contrast; Sharpness
Privacy Mask	4 regions
Text Overlay	User defined text on video
Image Orientation	Image flip; image mirror

• Audio

Compression	8 kHz, Mono, PCM, 16 bit encoding, G.711
Audio-In	8, terminal block
Audio-Out	1, terminal block

• Network

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv4, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Ethernet Port	1, Gigabit Ethernet (10/100/1000 Base-T), RJ-45 connector
Security	IP address filtering; HTTPS encryption; Password protected user levels; IEEE 802.1X network access control; Anonymous login

• Alarm

Alarm Trigger	Video motion detection (3 regions); External device through digital input; Scheduler in minutes; System reboot and booting successfully; Video loss; Video recovery; Storage removed; Failed to write storage
Alarm Response	Notify control center; Go to PTZ preset point or preset tour; Change video settings; Command other devices; E-mail notification with snapshots; Save video to local storage; Upload video or snapshot to FTP server; Activate external device through digital output; Change motion detection profile

• Interface

Analog Video Input	8, CVBS, 1.0Vp-p with 75Ω BNC connector
Digital Input / Output	8 (configurable), terminal block
Serial Port	2, RS-485/RS-422, terminal block
Local Storage	MicroSD/MicroSDHC memory card slot (card not included)

• General

Power Source / Consumption	AC 100 - 240V (50/60 Hz) / 9.36 W
Weight	1.748 kg
Dimensions (W x H x D)	444 mm x 44.5 mm x 142 mm (17.5" x 1.8" x 5.6")
Operating Temperature	-10 °C ~ 50 °C (14 °F ~ 122 °F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), UL (for built-in power adapter)

• Integration

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available; ONVIF compliant
Firmware Access Browser	Microsoft Internet Explorer 8.0 or newer (full functionality) Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)