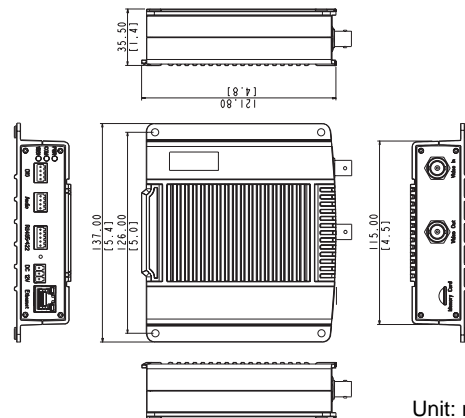# V22

1-Channel 960H/D1 H.264 Video Encoder

- 25/30 fps at full D1 resolution
- Selectable H.264 HP, MJPEG compressions
- Two-way audio
- Video motion detection
- Digital input and digital output
- Serial ports for PTZ control
- Analog video output
- Extended temperature (-40°C ~ 76°C / -40°F ~ 169°F)
- Vibration Proof

PHOTO INDICATION

1	Memory Card Slot	5	Serial Port LED	9	Serial Port Input
2	Analog Video Output	6	Video LED	10	Reset Button
3	Analog Video Input	7	Digital Input / Output	11	DC 12V Power Input
4	Power LED	8	Audio Iuput / Output	12	Ethernet Port

DIMENSION DIAGRAM

Unit: mm [inch]

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* Latest product information: www.acti.com/products
* Accessory information: www.acti.com/accessory/

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150318

Video Encoder

V22

PRODUCT SPECIFICATION

	V22
• Device	
Device Type	Video Encoder
Number of Channels	1
• 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 Orietation	Image flip; image mirror
• Audio	
Compression	8 kHz, Mono, PCM, 16 bit encoding, G.711
Audio-In	1, terminal block
Audio-Out	1, terminal block
• Network	
Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour, IEEE 802.1x
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPS encryption; Password protected user levels; Anonymous login
• Alarm	
Alarm Trigger	Video motion detection (3 regions); External device through digital input; Video loss; Video recovery; Scheduler; Storage removed; Failed to write storage; System is going to reboot; System booted successfully
Alarm Response	Notify control center; Go to PTZ preset point; Change image 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	1, CVBS, 1.0Vp-p with 75Ω BNC connector
Analog Video Output	1, CVBS, 1.0Vp-p with 75Ω BNC connector
Digital Input	1, terminal block
Digital Output	1, terminal block
Serial Port	1, RS-485/RS-422, terminal block
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)
• General	
Power Source / Consumption	PoE Class 3 (IEEE802.3af) / 3.36W DC 12V (DC 7V~20V, adapter not included) / 3W
Weight	442 g (0.977 lb)
Dimensions (W x H x D)	137 mm x 35.5 mm x 121.8 mm (5.4" x 1.4" x 4.8")
Environmental Casing	Vibration proof (NEMA TS2-ready, without certificate)
Operating Temperature	-40°C ~ 76°C (-40°F ~ 169°F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), NEMA TS2-ready (without certificate)
• 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)
• Remote Access	
PC Web Browser	Microsoft Internet Explorer with live view, PTZ control and setup
Mobile Client Program	Mobile device application (Active Mobile Client) supports live view and PTZ control Supported devices: iPhone, iPad, iPod Touch and Android device

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