# **V21**



#### 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

#### PHOTO INDICATION

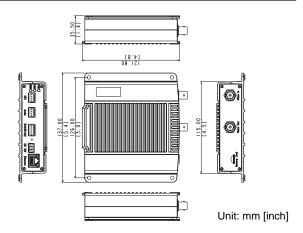


- Memory Card Slot
  - Analog Video Output 6 Video LED

- 5 Serial Port LED

- 9 Serial Port Input
- Reset Button
- - 8 Audio luput / Output 2 Ethernet Port

### **DIMENSION DIAGRAM**



# **V21**

## PRODUCT SPECIFICATION

	V21
• Device	
Device Type	Video Encoder
Number of Channels  • PTZ	1
Protocol	Pelco-D, Pelco-P, Dynacolor
Control	Remotely manual control; 32 preset points
• Video	LIANCIUS MUSES
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, IPv4, IPv6, DNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Ethernet Port	1, Ethernet (10/100 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; 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")
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)
• 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
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www.acti.com

<sup>\*</sup> All specifications are subject to change without notice.
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