

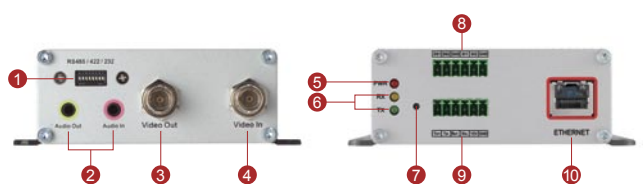
ACD-2100

1-channel MPEG-4 Video Encoder



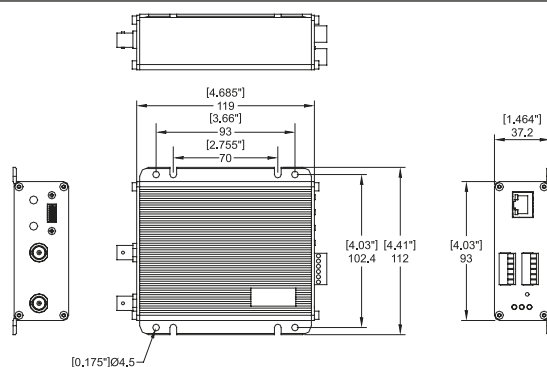
- 25/30 fps at full D1 resolution
- Selectable MPEG-4 SP, MJPEG compressions
- Two-way audio
- Video motion detection
- Digital input and digital output
- Serial ports for PTZ control

PHOTO INDICATION



- | | | |
|------------------------|-------------------|--|
| 1 Serial Port Setting | 5 Power LED | 8 Digital Input / Output |
| 2 Audio Input / Output | 6 Serial Port LED | 9 Serial Port Input & DC 12V Power Input |
| 3 Analog Video Output | 7 Reset Button | 10 Ethernet Port |
| 4 Analog Video Input | | |

DIMENSION DIAGRAM



Unit: mm [inch]

ACCESSORY OPTIONS

Rackmount Kit

RMK-2000



19-inch (4U) rackmount kit with 8 built-in cooling fans, powered by 100-240V AC adapter. Supports up to 8 devices.

- Front-Bezel (R306-00004-000) option to cover the slot of video encoder
- Front-Bezel (R306-00007-000) option to cover the blank slot

RMK-3000



19-inch (4U) rackmount kit. Supports up to 8 devices.

- Front-Bezel (R306-00014-000) option to cover the slot of video encoder
- Front-Bezel (R306-00009-000) option to cover the blank slot

ACD-2100

PRODUCT SPECIFICATION

ACD-2100

• Device

Device Type	Video Encoder
Number of Channels	1

• PTZ

Protocol	Pelco-D, Pelco-P V1 and V2, Dynacolor, Sony VISCA, American Dynamics
----------	--

• Video

Compression	MPEG-4 SP, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 720 x 480 (Full D1, NTSC); 25 fps at 720 x 576 (Full D1, PAL) 30 fps at 640 x 480 (VGA, NTSC); 25 fps at 640 x 480 (VGA, PAL) 30 fps at 352 x 240 (CIF, NTSC); 25 fps at 352 x 288 (CIF, PAL) 30 fps at 160 x 112 (QCIF, NTSL); 25 fps at 176 x 144 (QCIF, NTSL)
Multi-Streaming	Multiple streams based on single configuration
Bit Rate	28 Kbps - 3 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Brightness; Saturation; Contrast
Privacy Mask	1 configurable region
Text Overlay	User defined text on video

• Audio

Compression	8 kHz, Mono, PCM, 16 bit encoding
Audio-In	3.5 mm Phone Jack
Audio-Out	3.5 mm Phone Jack

• Network

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, DNS, DDNS, 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

• Alarm

Alarm Trigger	Video motion detection (3 regions); External device through digital input
Alarm Response	Notify control center; Go to PTZ preset point or preset tour; Change camera settings; Command other devices; E-mail notification with snapshots; Upload video, snapshot to FTP server; Activate external device through digital output

• 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	2, TTL, terminal block
Digital Output	2, TTL, terminal block
Serial Port	RS-485, RS-422, RS-232, terminal block

• General

Power Source / Consumption	DC 12V ±10% / 3.8 W
Weight	350 g (0.66 lb)
Dimensions (W x H x D)	112 mm x 37.2 mm x 119 mm (4.41" x 1.46" x 4.68")
Operating Temperature	ACD-2100: 0 °C ~ 50 °C (32 °F ~ 122 °F); ACD-2100T: -30 °C ~ 70 °C (-22 °F ~ 158 °F)
Approvals	CE, FCC

• Integration

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available
Firmware Access Browser	Microsoft Internet Explorer 6.0 or newer