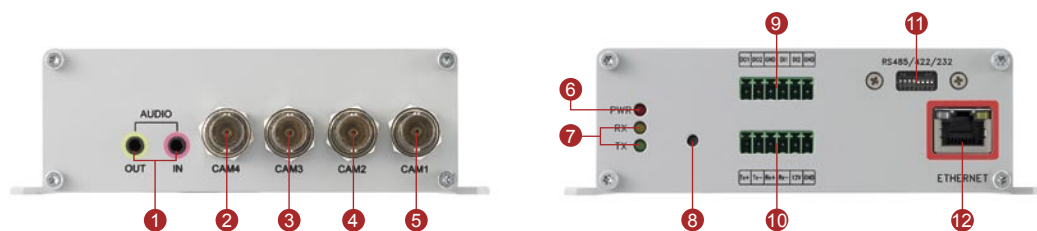


ACD-2000Q

Four-channel MPEG-4 Quad Processor
Integrated Video Server with Two Way Audio

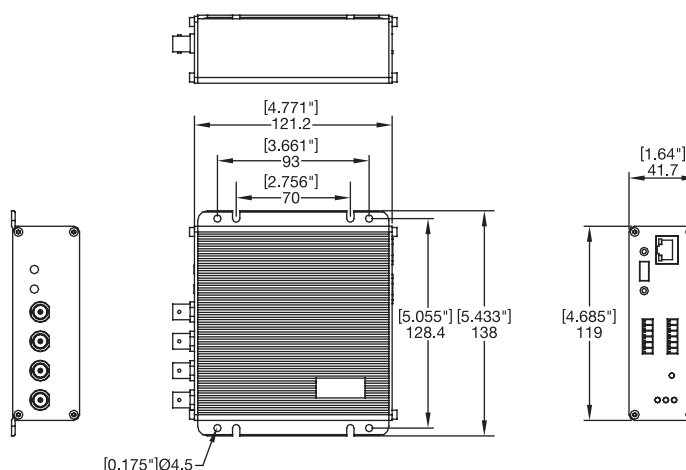


- Selectable MPEG-4 / MJPEG compression
- CIF up to Full D1 resolution at 30/25 FPS
- Multi-stream with variable frame rate in the same compression
- Two way audio supported
- Hardware motion detection, Digital Input / Output
- Optional rackmount kit available
- Real-time quad video
- Full-screen or quad image display
- Up to 4 analog video inputs blended into one digital MPEG-4 output stream
- Extended temperature supported (ACD-2000QT)

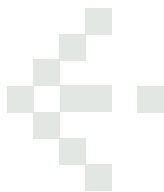


- | | | | |
|-------------------------|-------------------------|-----------------------------|------------------------------------|
| ① Audio Input / Output | ④ CAM2 - Analog Input 2 | ⑥ Power LED | ⑩ Serial Port & DC 12V Power Input |
| ② CAM4 - Analog Input 4 | ⑤ CAM1 - Analog Input 1 | ⑦ Serial Port LED Indicator | ⑪ Serial Port Setting |
| ③ CAM3 - Analog Input 3 | | ⑧ Reset Button | ⑫ Ethernet Port |
| | | ⑨ Digital Input / Output | |

DIMENSION DIAGRAM



Unit: mm [inch]



PRODUCT SPECIFICATION

Video Compression	
Compression	MPEG-4 SP, MJPEG selectable
Picture Resolution	- Quad Mode : Full D1 (720x480 in NTSC, 720x576 in PAL) - Sequential Mode (per channel) : Full D1 (720x480 in NTSC, 720x576 in PAL) - Single Mode (per channel) : Full D1 (720x480 in NTSC, 720x576 in PAL) CIF (352 x 240 in NTSC, 352 x 288 in PAL)
Bit Rate	28K ~ 3M bps
Image Frame Rate	- Quad Mode : 30 fps at full D1 resolution (NTSC) 25 fps at full D1 resolution (PAL) - Sequential Mode : 30 fps at full D1 resolution (NTSC) 25 fps at full D1 resolution (PAL) - Single Mode : 7 fps at full D1 resolution (NTSC / PAL) 15 fps at CIF resolution (NTSC) 12 fps at CIF resolution (PAL)
Multi-stream	Up to 2 configurable frame rate/bit rate streams for preview and recording
Video Input	
Composite Input	4, CVBS, 1.0Vp-p with 75Ω loading, BNC connector
Audio Input	
Compression	8 kHz, Mono, PCM
Audio Line Input	Unbalanced, 1.4 Vp-p, 1Vrms, 3.5 mm Phone Jack
Audio Output	
Compression	8 kHz, Mono, PCM
Audio Line Output	Unbalanced, 1.4 Vp-p, 1Vrms, 3.5 mm Phone Jack
Alarm	
Digital Input	2, TTL, terminal block
Digital Output	2, TTL, terminal block
Remote Control	
Serial Port	RS-485: half duplex, terminal block RS-422: full duplex, terminal block RS-232: full duplex, terminal block
External I/O	
Reset Button	Factory default
LED	Power / serial port / network status
Network	
Ethernet Port	Ethernet (10/100 Base-T), RJ-45 connector
Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP, FTP, SMTP, DNS, DDNS, NTP, ICMP, IGMP, ARP
Software	
Web Browser	Microsoft Internet Explorer 6.0 or above
SDK	ACTi SDK-10000
PTZ Protocol*	Pelco-D, Pelco-P V1 and V2, Dynacolor, Sony VISCA, American Dynamics
Security	Password protection: configured by the administrator
Operating	
Temperature	-10°C~50°C (14°F~122°F); ACD-2000Q -30 °C~70 °C (-22 °F~158°F); ACD-2000QT
Power	
Power Requirement	DC 12V ± 10%
Power Consumption	5.0 W
Physical	
Dimensions	119 x 41.7 x 122 mm (4.69" x 1.65" x 4.81")
Weight-Net	430 g (0.95 lb)
Approvals	
Certificate	CE, FCC

* These PTZ protocols are supported in ACTi NVR and Streaming Explorer

MODEL SELECTION

Model Name	Full D1	Extended Temperature
ACD-2000Q	V	
ACD-2000QT	V	V

DISPLAY MODES

Display Mode	Content	Frame Rate	Resolution	Video Stream
Quad		30/25 FPS (NTSC/PAL)	D1 only	1 stream, quad view
Sequential		30/25 FPS (NTSC/PAL)	D1 only	1 stream at a time
Single		7 FPS	D1	4 independent streams
		15/12 FPS (NTSC/PAL)	CIF	4 independent streams