

DW-CP04

ANALOG TO IP VIDEO ENCODER

Compressor

- Dual Codec (H.264/ MJPEG) with Single Stream
- OnVIF Compliant
- 4CH BNC In
- 120fps @ D1 Resolution
- Motion Detection
- Two-Way Audio
- Micro SD Card Interface
- Search and Playback from Software Interface
- RS-232/RS-485 PTZ Control
- PSIA (v1.0) Conformant

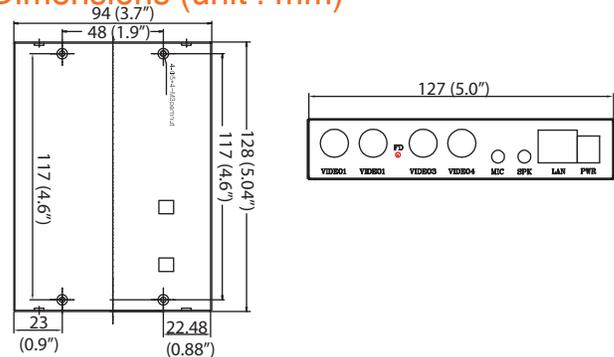


NETWORK
DIAGRAM





Dimensions (unit : mm)



Specifications

VIDEO		
Video Input	4 Channels Analog	
Video Encoding	Dual Codec (H.264 or MJPEG) with Single Stream Setup	
Resolution	D1 (704x480), CIF (352x288), 160x112	
Live Casting	Streaming up to 120fps @ D1 Resolution	
Audio	Input	1 Channel Input
	Output	1 Channel Output
	Codec	8bit G.711, 8KHz, 8KByte/sec
SystemInfo	Memory	32bit RISC CPU, 128MByte Flash
	OS	Embedded Linux
	RAM	128MByte SDRAM
Performance		
Recording	Compression	H.264 or MJPEG
	Recording Mode	Scheduled, Motion, Event
	Recording Rate	120fps @ D1 Resolution
Playback	Playback Rate	120fps @ D1 Resolution
	Fast Forward Functions	Fast Forward, Fast Rewind, Frame-by-Frame Forward, Frame-by-Frame Rewind
		Search Modes
Storage	External Storage	Supports Micro SDHC for onboard storage (up to 32 GB) * SD Card not included
		Interface
Features	Alarm Output	4 Output
	RS-232	1 Port
	RS-485	For UART device Control
		1 Port
	PTZ Support: Digital Watchdog's PTZ Series, Pelco P, Pelco D, Samsung and Honeywell PTZ	
	Alarm Management	Video Loss, Video Recovered, Motion Detection, Alarm Activation, Reboot Complete, Serial Input, Schedule Alarm Report
	Notifications	E-mail & FTP notifications with Image attached (Including Pre & Post Alarm Buffering)
Security	Channel-based user password protection for live video, PTZ, alarm output, and audio options	
Network		
Network Connection	Ethernet (1 x Megabyte 10/100 Base-T)	
Streaming	Transmission Speed Live	120/100fps @ D1 (NTSC/PAL)
	Protocols	HTTP, RTP/RTSP, TCP/IP, FTP, Telnet, RARP, PPPoE, SNMP, PAP, CHAP, DHCP, NTP, SMTP client, uPNP
Access	Web Viewer	Live, PTZ Control, Playback up to 16 Channels
		Minimum PC Requirements: Windows XP, or higher/ IE 6.x, or later/ Pentium4, 2GHz, 2G(RAM) Video Card(256MB RAM, 1024x768)
	Client Software	DW Spectrum
General		
Operating Temperature	-10 ~ 50°C (14 ~ 122°F)	
Operating Humidity	Less than 90% (Non-Condensing)	
Electrical	Power Requirement	12V (1A) [AC100~240V, 50/60Hz, 300mA]
	Power Consumption	DC12: 600mA
Dimensions	5.82 X 4.64 X 0.98 in (148(W)x118(D)x25(H) mm)	
Weight	0.55lb (0.25Kg)	

*Specification is subject to change without prior notice.

Summary

The CP-04 is an Analog to IP signal encoder, converting up to 4 analog cameras into an IP signal at a maximum of 120fps at D1 resolution. The Compressor offers important features such as Two-Way Audio, PTZ control, Micro SD Card for local backup, Intelligent motion detection, and Single Streaming with Dual Codec. The Compressor is a perfect solution for applications that have both analog and network surveillance solutions, and are looking to get the most out of both platforms.

Features

- OnVIF Compliant Profile S
- 4CH BNC Input
- 120fps @ D1 Resolution
- Dual Codec (H.264/ MJPEG) with Single Stream
- Motion Detection
- Two- Way Audio
- Micro SD Card Interface
- RS-232/ RS-485 PTZ Control
- PSIA (v1.0) Conformant
- Search and Playback from the software interface
- Framerate& Bandwidth Control
- 4 Alarm Inputs, 4 Alarm Outputs
- Event Notifications via E-mail with Image
- Fully Compatible with Digital Watchdog's DW Spectrum IPVMS

Accessories (Optional)



DW-C19E
Rack Mount for CP04 Compressor
Up to 2 Units per Rack Mount/
Up to 8 Channels per Rack Mount