

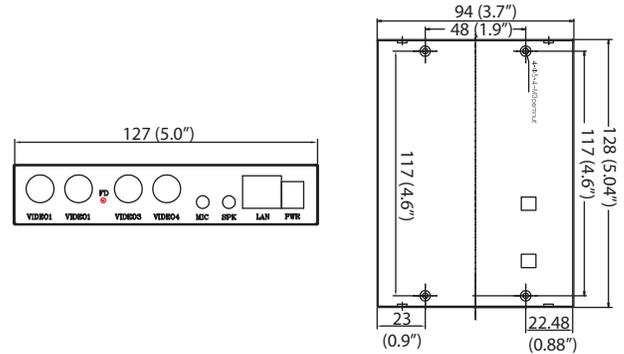


DW-CP04



## Dimensions (unit : mm)

**5 YEAR LIMITED WARRANTY**



## Summary

The Digital Watchdog<sup>®</sup> Compressor<sup>™</sup> (CP-04) Analog to IP Signal Encoder converts up to four (4) analog cameras into an IP stream with real-time viewing and recording at D1 resolution. The Compressor offers important features such as PTZ Control, Alarm and Sensor Interface, and Intelligent Motion Detection. The Compressor is fully integrated with DW Spectrum<sup>™</sup> IPVMS, requiring a single activation license to add the value of the software's powerful video management and analysis tools. The Compressor can be integrated into an existing system using the C19E rack mount ears (sold separately) for a discrete installation. The Compressor is an affordable and effective solution for applications that have both analog and IP network surveillance systems, boosting your system to an IP level of quality and capabilities.

## Features

- Convert Four (4) Analog BNC Cameras to an IP Signal
- Real-time D1 Resolution, 120fps Recording (4 Channels)
- Fully Compatible with Digital Watchdog's DW Spectrum<sup>™</sup> IPVMS (single license, No Annual or Renewal Fees)
- 4 Alarm Inputs, 4 Alarm Outputs
- Dual Codec (H.264/ MJPEG) in a Single Stream
- RS-232 and RS-485 Interface for PTZ Control
- Motion Detection
- Event Notifications via E-mail with Image
- Frame Rate and Bandwidth Control
- PSIA (v1.0) Conformant
- ONVIF Conformant, Profile S

## 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
System Info	Codec	8bit G.711, 8Khz, 8KByte/sec
	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 at D1 (704x480) Resolution
Playback	Playback Rate	120fps at D1 (704x480) Resolution
	Fast Forward Functions	Fast Forward, Fast Rewind, Frame-by-Frame Forward, Frame-by-Frame Rewind
	Search Modes	Date, Time, Event Preview
Storage	External Storage	Supports Micro SDHC for onboard storage ( up to 32 GB ) * SD Card not included
	Alarm Input	4 Input
Interface	Alarm Output	4 Output
	RS-232	1 Port For UART device Control
	RS-485	1 Port PTZ Support: Digital Watchdog's PTZ Series, Pelco P, Pelco D, Samsung and Honeywell PTZ
Features	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	120fps @ D1 (704x480)
	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 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 <sup>™</sup> IPVMS
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)

\*Specifications subject to change without notice.

## Accessories (Optional)



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