



DW-CP16



Event Notification



16 Channels



480 Frames Per Second



960H Resolution



Motion Detection

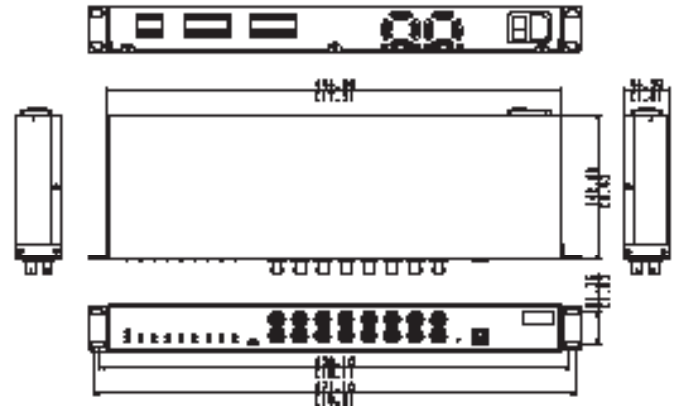
Summary

The Digital Watchdog® Compressor™ (CP-16) Analog to IP Signal Encoder converts up to 16 analog cameras into IP streams with real-time viewing and recording at 960H and D1 resolutions. The Compressor offers important features such as Two-Way Audio, Alarm and Sensor Interface, Micro SDHC/SDXC Card for emergency recording and is Rack Mountable (1U). The Compressor is fully integrated with DW Spectrum™ IPVMS, adding the software's powerful video management and analysis capabilities. The Compressor is an affordable and effective solution for applications with both analog and IP network surveillance systems, boosting your system to an IP level of quality and capabilities.

Features

- Convert 16 Analog BNC Cameras to an IP Signal
- Real-time 480fps at 960H and D1 Resolution Output
- Dual Codec (H.264/ MJPEG) with Simultaneous Streaming
- Fully Compatible with Digital Watchdog's DW Spectrum™ IPVMS
- Motion Detection
- Micro SDHC/SDXC Class 10 Card Slot for Emergency Recording [card not included]
- 2x RS-485 Interface for PTZ Control
- Search and Playback from DW Spectrum™
- Frame Rate and Bandwidth Control
- 16 Audio Inputs, 1 Audio Output
- 16 Alarm Inputs, 16 Alarm Outputs
- 4 Privacy Zones
- Event Notifications via E-mail with Image
- Rack Mountable (1U)
- ONVIF Conformant, Profile S
- Works with DW Spectrum™ IPVMS recording License (needs qty 4 DW-SPCP04LSC004, Sold Separately)

Dimensions (unit : mm)



Specifications



VIDEO		
Video Input		16 Channels Analog
		CVBS, 1.0Vp-p with 75Ω BNC connector
Video Output		16 IP Channels Output
Video Encoding		Dual Codec (H.264 or MJPEG) with Simultaneous Dual Streaming
Resolution		30fps per channel at 960H (960x480)
		30fps per channel at D1 (720x480)
Compression		H.264 or MJPEG
Framerate & Resolution		480fps at 960H (960x480) and D1 (720x480) Resolutions
Live Casting		Streaming up to 480fps at 960H and D1 Resolutions
Bit Rate Mode		Constant, Variable, 28Kbps ~ 6Mbps (Per Stream)
Audio	Input	16 Audio Input
	Output	1 Audio Output
	Codec	8 kHz, Mono, PCM, 16 bit encoding, G.711
PERFORMANCE		
Storage	External Storage	Local Micro SDHC/SDXC for Emergency and Alarm Recording (Card not Included)
Interface	Alarm Input	16 Alarm Inputs
	Alarm Output	16 Alarm Outputs
	RS-485	2x Ports PTZ Support: Pelco-D, Pelco-P
Features	Motion Detection	3 Programmable Motion Detection Zones
	Privacy Zones	4 Programmable Privacy Zones
	Alarm Management	Motion Detection, Alarm input, Video loss, Video recovery, Scheduler, Storage removed, Failed to write storage, System will reboot, System booted successfully
	Notifications	Trigger Alarm Output, E-Mail notifications with Image, Record to Local Storage, Upload to FTP
	Security	IP address filtering, HTTPS encryption, Password protected user levels, IEEE 802.1X network access control, Anonymous login
NETWORK		
Network Connection		1 Gigabit Ethernet (10/100/1000 Base-T), RJ-45 connector
Streaming	Transmission Speed Live	480fps at 960H (960x480) and D1 (720x480)
	Protocols	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv4, DNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Access	Web Viewer	Microsoft Internet Explorer with live view, PTZ control, and setup
		Microsoft Internet Explorer 8.0 or newer (full functionality)
	Client Software	Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)
		DW Spectrum™ IPVMS
GENERAL		
Operating Temperature		-10 ~ 50°C (14 ~ 122°F)
Operating Humidity		Less than 85% (Non-Condensing)
Other Certifications		CE, FCC, UL
Electrical	Power Requirement	AC 100 - 240V (50/60 Hz)
	Power Consumption	9.36 W
Dimensions		17.5" x 1.8" x 5.6" in 444 mm x 44.5 mm x 142 mm
Weight		1.886 kg

*Specifications subject to change without notice.