



DW-CP16



Event Notification



16 Channels



480 Frames Per Second

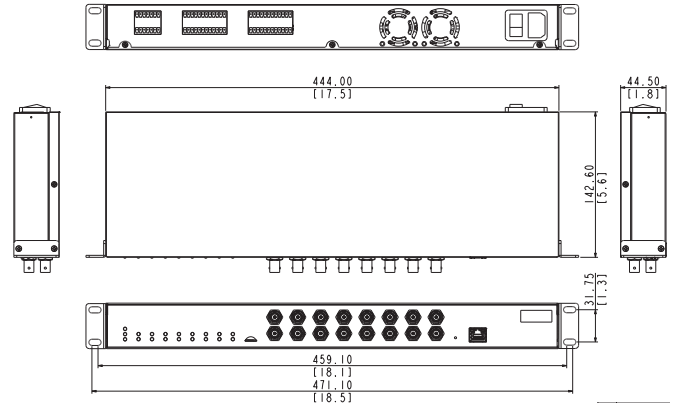
960H

960H Resolution



Motion Detection

Dimensions (unit : mm)



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
- Requires a single DW Spectrum™ IPVMS recording License (DW-SPCP04LSC016 Sold Separately)

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		
Frame Rate & 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.