((Compressor

DW-CP04

PWR ACT LINK

Compress then Send

With the Compressor, analogue cameras will work like IP cameras.

Compressor

DW-CP04

Dimensions (Unit : mm)
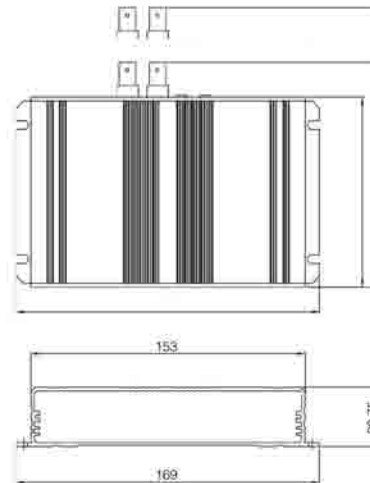

153

30.75

169

DW-CP01

Summary

Digital Watchdog is at the forefront of innovation with the IP based Compressors (CP). Our CP models are a breakthrough in network surveillance with the ability to transmit composite video across any IP network. They digitally encode analog videos to a Hybrid DVR or NVR and enable the users to decode the videos with conventional video recording devices.

DW's Compressors support scalability from one camera to world-wide enterprise systems. Using Internet infrastructure and onsite IT reduces the total cost of ownership. The CP models are an IP-enabled intelligent digital video device that combines multiplexing, alarm/event detection, audio text, and video recording.

Features

- Advanced H.264 Linux Embedded Video and Audio Transmitter
- CP-04(4ch): 60fps or 15 fps for Each Ch @ D1, 120fps @ Half D1
- CP-01(1ch): 30fps @ D1
- Transmission: up to 30 fps in All Resolutions
- Streaming Dual H.264 and MJPEG Video Compression
- Multi-Streaming with Variable Resolution and Frames
- Two-Way Audio Communication
- Motion Detection
- E-mailing Service for Alarms
- 1 Sensor Input, 1 Sensor Output
- Remote Relay Control
- PTZ Camera Support
- 1 Ch for External Control Device
- Fixed IP, DHCP, and DDNS Support
- Optional SD/SDHC Cart Slot for Backup
- Supports up to 20 Clients
- Supports DW-NVR Products
  (DW-Nexus, DW-9000 Hybrid DVR, Pivot, VMS)
- Web-Based for User Friendly Operation and No Additional Software Required

Specifications

Model			Compressor (CP)	
			CP-01	CP-04
O/S	Operating System		Linux	
Video	Compression Algorithm		H.264/MJPEG	
	Resolution		D1/Half D1/2CIF/CIF/QVGA/QCIF	
	Bitrate		32Kbps ~ 4Mbps	
	Frame Rate		30/25 fps in All Resolutions	
	Streaming		H.264 Dual Stream or Simultaneous H.264 and MJPEG	
	Input		1 Ch	4 Ch
Audio	Compression Algorithm		G.711/G.726	G.711/G.726
	Bi-Directional		Two Way, Full Duplex	
	Input / Output Compression		1 Ch Input / 1 Ch Output	4 Ch Input / 1 Ch Output
	Line Input		1.0 VRMS	
	Line Output		1.0 VRMS	
IO Control	Alarm Input / Relay Output		1 Ch Input / 1 Ch Output	
	RS-232 Port		none	1 Ch for External Device
	RS-485 Port		1 Ch for PTZ Camera	
Network	LAN		10/100 Based-T (RJ/45) - Fixed IP, DHCP, & DDNS	
	Mobile Device Support		iPhone, Blackberry, 3G Mobile	
	Remote Management	Software	DW-NEXUS, DW-Pivot, DW-Hybrid DVR, Web Browser	
		Web (IE)	Live Monitoring and System Configuration	
Backup	External		Local Backup by SD/SDHC Card	
Power	AC/DC Adapter		12V D/C Adapter PoE	12V D/C Adapter
	Consumption		300 mA	400 mA
Physical	Dimension and Weight		169mmx117mmx31mm / 345 g	224mmx160mmx44mm / 930 g
	Storage Temperature		-20°C ~ 74°C	-20°C ~ +74°C
	Operating Temperature and Humidity		-10°C ~ 55°C / 20 ~ 90% RH	0°C ~ 40°C / 20 ~ 90% RH

(*) Specification is subject to change without prior notice.