

# DW CP04 Quick Start Guide

## Compressor



## HARDWARE OVERVIEW

1	Analog Channel Input 1~4	7	Network LED
2	Audio Input Port	8	Sensor Input Ports 1~4
3	Audio Output Port	9	Alarm Output Port 1~4
4	Ethernet Network Cable	10	Mirco SDHC Slot for On-Board Storage
5	Power Supply 12VDC, 1A	11	Control Port: RS-485, RS-232, DI, DO
6	Power LED		

## CONFIGURING THE COMPRESSOR

1. Mount and connect your analog cameras. Consult the camera's manual for additional information.
2. Connect the cameras' video output to the Compressor's BNC Input ports.
3. Connect the Compressor to your network using a LAN Cable.
4. When all external devices have been properly connected to the Compressor, connect the power cable to the back of the encoder.
5. Run the IP Finder software included with the Compressor's accessory CD on a computer located in THE SAME network as the Compressor.
6. Press the Search button to detect all supported devices located on the network. Allow up to 1 minute for the system to perform the search.
7. If necessary, press the IP Setup tool to properly configure the Compressor's IP Address and network information to match your security settings. (Enter admin's password, 'root', at the bottom of the page and press 'Set' to save the changes.)
8. Double-click the Compressor's name or press the 'Home' button to go to the Compressor's Web Page for additional setup and remote viewing.

## USER INTERFACE OVERVIEW

Image Display Options

Show/ Hide Audio Control

Show/ Hide PTZ Control

Show/ Hide Channel Control

About Software

Live/ Playback/ Admin/ Home views

Home | Live View | Admin

Playback

Instant Recording

Export Clip

Export Image

PTZ Virtual Controller

Channel Display Options

Main Display Area

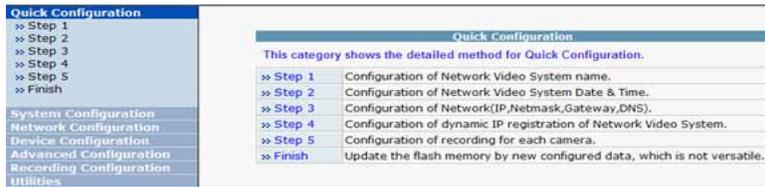
**NOTE:**  
Default admin user/ password: root / root



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## QUICK CONFIGURATION

## DW SPECTRUM CONNECTION



### Accessing the Compressor's Quick Configuration Menu:

1. From the Compressor's main page, press the 'Admin' button at the top right-hand corner of the screen.

2. Click on 'Quick Configuration' from the left-side menu bar.

3. Follow the Steps:

Step 1: View and modify the Compressor's name.

Step 2: Setup the Server's local date and time. If applicable, setup an NTP server information for time sync.

Step 3: If necessary, modify the Compressor's Network information, including the IP Address, Subnet Mask, Gateway, and DNS. See page 1 in this QSG for additional information on how to edit the Compressor's network information via the IP Finder software.

Step 4: Setup a DDNS address for the Compressor for easy remote access. See the manual for additional information.

Step 5: Setup a recording schedule for the Compressor. the Compressor supports micro SD card up to 32GB.

Click Finish to save all changes or cancel to exit the configuration page.

Turn your Analog Security System into a Hybrid system by merging the Compressor with Digital Watchdog's Blackjack Powered by DW spectrum Fusion Software.

1. Make sure the Compressor and the Blackjack Server are on the same network. (See Blackjack's manual on how to add servers manually).

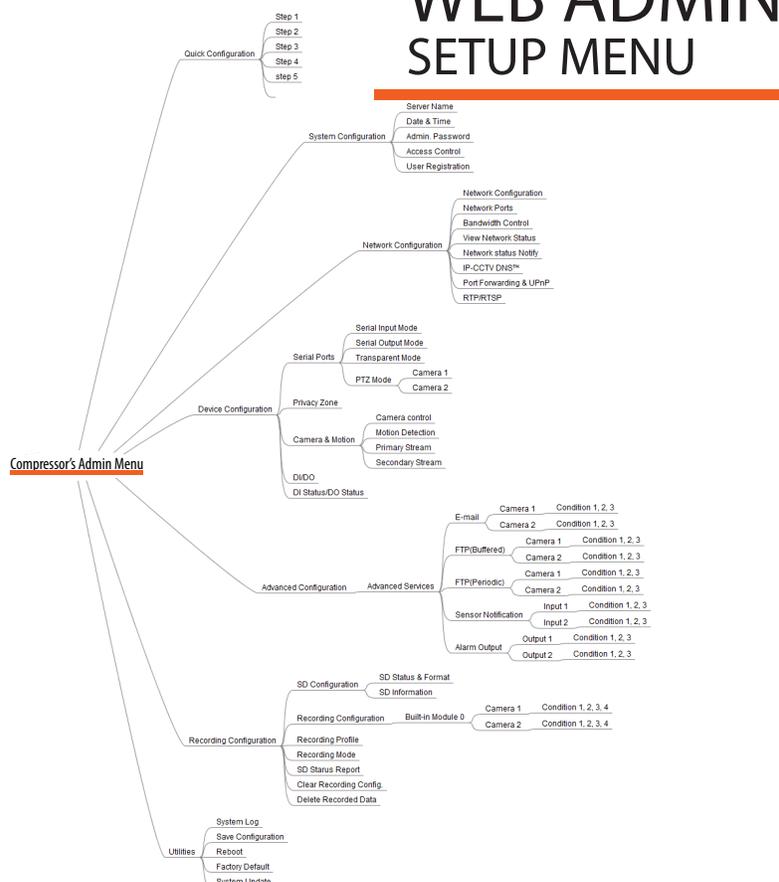
2. Run the DW Spectrum client, and connect to the Blackjack Server.

3. The Compressor should automatically populate on the display tree with each camera marked as its own channel.

NOTE: Digital Recording Licenses are necessary to record video from the Compressor to the Blackjack.



## WEB ADMIN SETUP MENU



## DW-CP04 SPECIFICATIONS

VIDEO		
Video Input	4 Channels Analog	
Video Encoding	Dual Codec (H.264 or MJPEG) with Single Stream Setup	
Resolution	D1 (704x480), CIF (352x240), 160x112	
Live Casting	Streaming up to 120fps @ D1 Resolution	
Audio	Input/ Output	1 Channel Input/ 1 Channel Output
	Codec	8bit G.711, 8KHz, 8KByte/sec
SystemInfo	Memory	32bit RISC CPU, 128MByte Flash/ 128MByte SDRAM
	OS	Embedded Linux
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	FForward, FRewind, Frame-by-Frame Forward & Rewind
	Search Modes	Date, Time, Event Preview
Storage	External Storage	Supports Micro SDHC for onboard storage ( up to 32 GB ) * SD Card not included
Interface	Alarm Input/ Output	4 Input/ 4 Output
	RS-232	1 Port
	RS-485	1 Port
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
	Security	Channel-based user password 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)	
Access	Web Viewer	Live, PTZ Control, Playback up to 4 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/ Humidity	-10~50°C (14~122°F)/ 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.

