Compressor™
Analog to IP Video Encoder

DW-CP16

Username: **admin**	Password: **123456**

NOTE: For the full manual and the latest firmware, please visit our website at **www.digital-watchdog.com** and search '**DW-CP16**'.

WHAT'S IN THE BOX				
QSG Manual		1 Set	Power Cord	1 Set
Socket Converters – 3pcs		1 Set	Rack Mount Ears – 2pcs	1 Set
Terminal Blocks		1 Set	Screws – 4pcs	1 Set

Attention: This document is intended to serve as a quick reference page for initial set-up. It is recommended that the user read the entire instruction manual for complete and proper Encoder usage.

Tel: 866-446-3595 / 813-888-9555
Technical Support Hours: 9:00AM – 8:00PM EST, Monday thru Friday
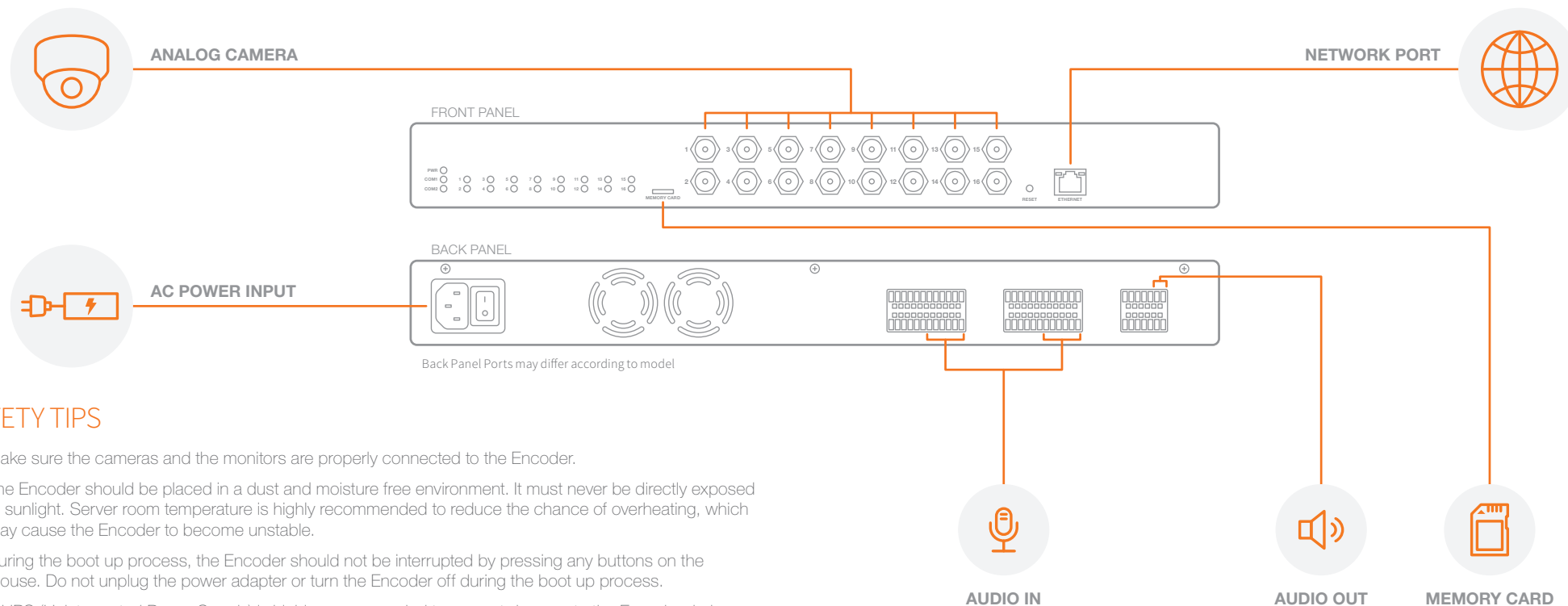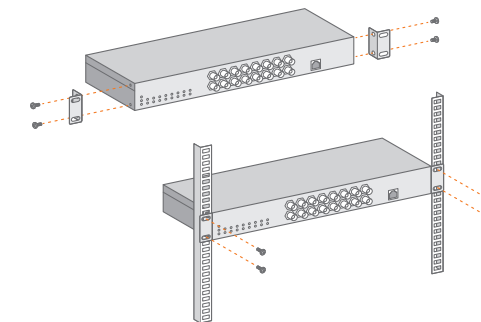
digital-watchdog.com

Step 1 – CONNECTING TO THE COMPRESSOR ENCODER

1. Mount and install all necessary cameras and external devices. Refer to their individual manuals for additional information.

2. Place the Encoder in its final position. See installation tips below.

3. Connect all necessary cables to the Encoder.

4. Once all additional devices have been properly connected to the Encoder, connect the Encoder to an appropriate power supply. The Encoder will boot up automatically.

Step 2 – MOUNTING THE ENCODER

The Compressor comes with rack mount ears and is compatible with 19" Rack Mounts. To mount the Compressor to a 19" rack:
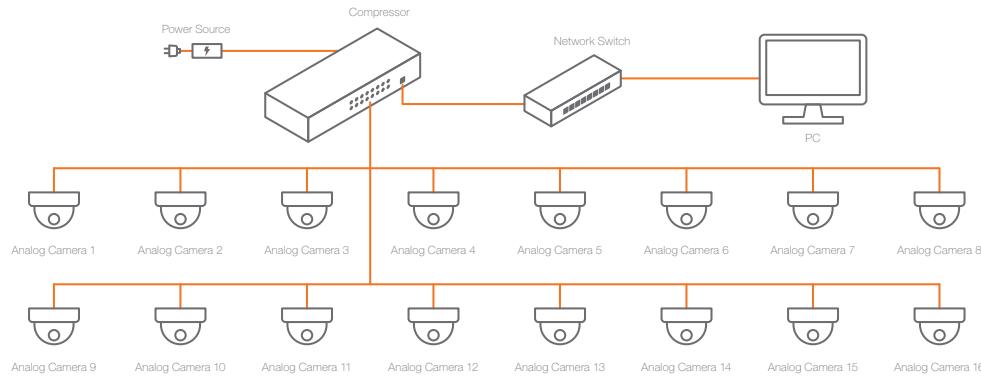
1. Attach the rack mount ears to each side of the encoder using the bundled screws.

2. Secure the encoder onto the 19" rack mount using the four (4) included screws.

ANALOG CAMERA

NETWORK PORT

FRONT PANEL

AC POWER INPUT

BACK PANEL

Back Panel Ports may differ according to model

SAFETY TIPS

1. Make sure the cameras and the monitors are properly connected to the Encoder.

2. The Encoder should be placed in a dust and moisture free environment. It must never be directly exposed to sunlight. Server room temperature is highly recommended to reduce the chance of overheating, which may cause the Encoder to become unstable.

3. During the boot up process, the Encoder should not be interrupted by pressing any buttons on the mouse. Do not unplug the power adapter or turn the Encoder off during the boot up process.

4. A UPS (Uninterrupted Power Supply) is highly recommended to prevent damage to the Encoder during a power outage.

AUDIO IN   **AUDIO OUT**   **MEMORY CARD**

Step 3 – COMPRESSOR CONNECTION EXAMPLE

Power Source — Compressor — Network Switch — PC

Analog Camera 1 | Analog Camera 2 | Analog Camera 3 | Analog Camera 4 | Analog Camera 5 | Analog Camera 6 | Analog Camera 7 | Analog Camera 8

Analog Camera 9 | Analog Camera 10 | Analog Camera 11 | Analog Camera 12 | Analog Camera 13 | Analog Camera 14 | Analog Camera 15 | Analog Camera 16

Step 4 – DW IP FINDER

On Network with DHCP Server / Router (Automatic IP)

1. Connect the device and the PC within the same network segment. Once connected, an IP address will be assigned to the Encoder.

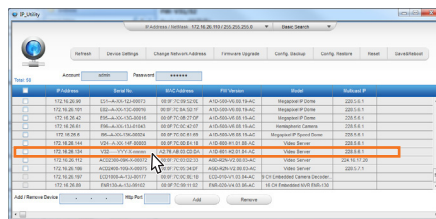2. Find the Encoder via Windows Explorer or IP Utility.

By Windows Explorer

a. Go to Start > My Computer > Network.

b. Double-click on the device name.
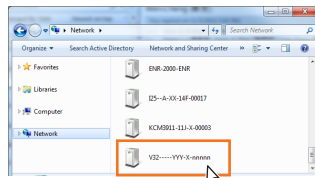
By IP Utility

a. Download IP Utility from our website (www.digital-watchdog.com).

b. Run IP Utility to start searching for network devices.

c. Click the IP address of the Encoder.

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3. The Web Configurator appears with the IP address of the Encoder on the URL bar. Login to access the Encoder.

On Network without DHCP Server (Default IP)

1. If necessary, configure the IP settings of your PC to match with the network segment of the Encoder.

Encoder Defaults	PC can be assigned with
IP Address: 192.168.0.**100** Subnet: 255.255.255.**0**	IP Address: 192.168.0.**99** or 192.168.0.**101** or 192.168.0.**102** and so on Subnet: 255.255.255.**0**

How to configure the PC IP address?

Click **Start > Control Panel > Network and Sharing Center > Change Adapter Settings**. Then follow the steps below:
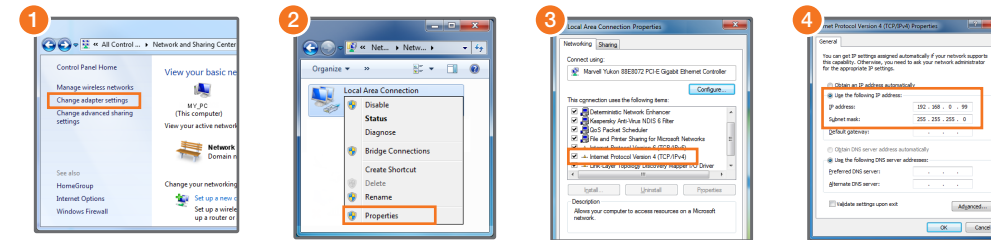

2. Open a web browser and type **192.168.0.100** on the URL address bar. The Web Configurator appears. Login to access the Encoder.

NOTE: For full functionality, it is recommended to use Microsoft Internet Explorer®. When using non-IE browsers, free 3rd party software plug-ins may be required. Refer to the device Firmware Manual for more information.

Step 5 – WEB VIEWER

1. Open an Internet Explorer web browser (other web browsers are supported but with limited features).

2. Enter the Compressor's IP address in the address bar.

3. Enter the Compressor's username and password.

   Default values are **username: admin | password: 123456**
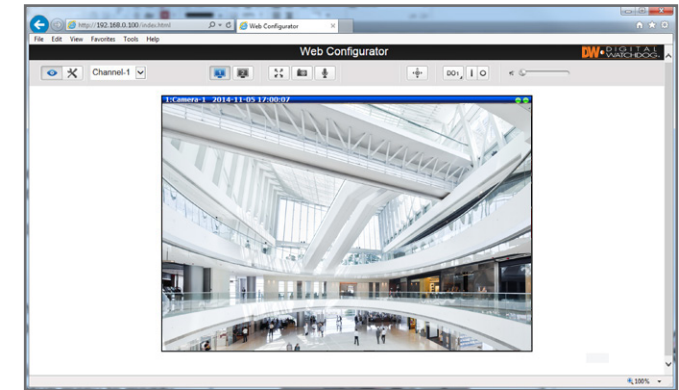
NOTE: The Compressor™ is fully compatible with Digital Watchdog's DW Spectrum™ IPVMS. 4- and 16- channel recording licenses are sold separately.