DW DIGITAL WATCHDOG®
Complete Surveillance Solutions

MEGAPIX®
IP Cameras

MEGApix® IVA+™ models	5MP models	2.1MP/1080p models
DWC-MPV75Wi28TW DWC-MPV75Wi4TW DWC-MPV75Wi6TW DWC-MPV72Wi28ATW DWC-MPV72Wi4ATW DWC-MPV72Wi28TW DWC-MPV72Wi4TW DWC-MPV72Wi6TW	DWC-MV75Wi28TW DWC-MV75Wi4TW DWC-MV75Wi6TW	DWC-MV72Wi28ATW DWC-MV72Wi4ATW DWC-MV72Wi28TW DWC-MV72Wi4TW DWC-MV72Wi6TW DWC-MV72Di4TW DWC-MV72Di28T

C UL US LISTED

Default Login Information: admin | admin

When logging into the camera for the first time, you will be prompted to set up a new password. You can set the new password using the DW® IP Finder™ software or directly from the camera's browser menu.

WHAT'S IN THE BOX

Quick Setup and Installation Guide	1 set	Bolt and Nuts 2pcs		1 set
Mounting Templates	1	Screws and Plastic Anchors - 2pcs		1 set
Waterproof Cap	1 set	Star Wrench		1

NOTE: Download all your support materials and tools in one place

1. Go to: **http://www.digital-watchdog.com/resources**
2. Search your product by entering the part number in the **'Search by Product'** search bar. Results for applicable part numbers will populate automatically based on the part number you enter.
3. Click **'Search'**. All supported materials, including manuals and quick start guide (QSGs) will appear in the results.

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

Tel: +1 (866) 446-3595 / (813) 888-9555   digital-watchdog.com

Technical Support Hours:
9:00 AM – 8:00 PM EST, Monday through Friday

STEP 1 – PREPARING TO MOUNT THE CAMERA

1. The mounting surface must withstand five times the camera weight.
2. Do not let the cables get caught in improper places or the electric line cover can be damaged. This may cause a short or fire.
3. CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
4. CAUTION: There is a risk of explosion if the battery is replaced incorrectly and it should be replaced only with the same battery. ATTENTION: Il y a risque d'explosion si la batterie est remplacée par une batterie de type incorrect. Mettre au rebut les batteries usages conformément aux instructions.
5. Used batteries must be disposed of according to local regulations or the battery manufacturer's instructions. Disposing of batteries in a fire or in a hot oven, or mechanically crushing and cutting them may cause an explosion.
6. Leaving the battery in very high temperature or low air pressure environments may result in an explosion or leak of flammable liquids or gases.
7. This product is intended to be supplied by a UL Listed Power Supply Unit marked "Class 2" or "LPS" or "PS2" and rated 12 Vdc, 0.31A (DWC-MPV72 and DWC-MV72 series) and 0.5A (DWC-MPV75 and DWC-MV75 series) min.
8. The wired LAN hub providing power over the Ethernet (PoE) in accordance with IEEE 802-3af shall be a UL Listed device with the output evaluated as a Limited Power Source as defined in UL60950-1 or PS2 as defined in UL62368-1.
9. Unit is intended for installation in a Network Environment 0 as defined in IEC TR 62102. As such, associated Ethernet wiring shall be limited to inside the building.
10. For the installation process, remove the dome cover from the camera module by loosening the three (3) screws on the dome. Use the wrench provided with the camera.
11. Using the mounting template sheet or the camera itself, mark and drill the necessary holes in the wall or ceiling.
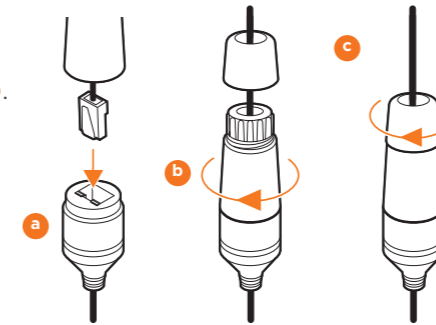
STEP 2 – POWERING THE CAMERA

Pass the wires through and make all the necessary connections.

1. NETWORK CONNECTIONS - If you are using a PoE switch, connect the camera using an Ethernet cable for both data and power.
2. NETWORK CONNECTIONS - If you are using a non-PoE switch, connect the camera to the switch using an Ethernet cable for data transmission and use a power adapter to power the camera.

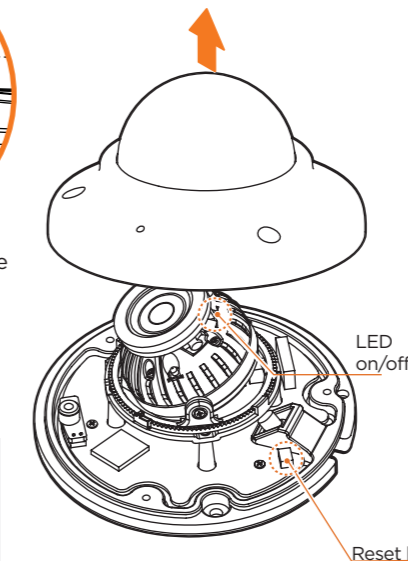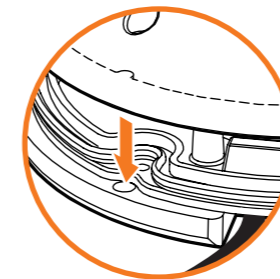| Models	Power requirements	Power consumption
DWC-MPV75Wi28TW DWC-MPV75Wi4TW DWC-MPV75Wi6TW DWC-MV75Wi28TW DWC-MV75Wi4TW DWC-MV75Wi6TW	DC 12V, PoE IEEE 802.3af Class3. (Adapter not included)	DC12V: max 6W PoE: max 7.2W
DWC-MPV72Wi28ATW DWC-MPV72Wi4ATW DWC-MPV72Wi28TW DWC-MPV72Wi4TW DWC-MPV72Wi6TW DWC-MV72Wi28TW DWC-MV72Wi4TW DWC-MV72Wi6TW DWC-MV72Wi28ATW DWC-MV72Wi4ATW	DC 12V, PoE IEEE 802.3af Class2. (Adapter not included)	DC12V: max 3.7W PoE: max 5.5W
DWC-MV72Di4TW DWC-MV72Di28T	DC 12V, PoE IEEE 802.3af Class2. (Adapter not included)	DC12V: max 3.7W PoE: max 5.4W

STEP 3 – INSTALLING THE CAMERA

1. Attach the main body to the mount bracket by tightening the lock screw.
2. To use the camera's waterproof wiring:
   a. Install the LAN cable into ⓐ.
   b. ⓑ will be assembled to ⓐ with a 1/4 turn.
   c. Thread ⓒ tightly to ⓑ.

NOTE: To ensure moisture seal, make sure the o-ring is in place between ⓐ and ⓑ In extreme environments use of an outdoor rated sealer is recommended.
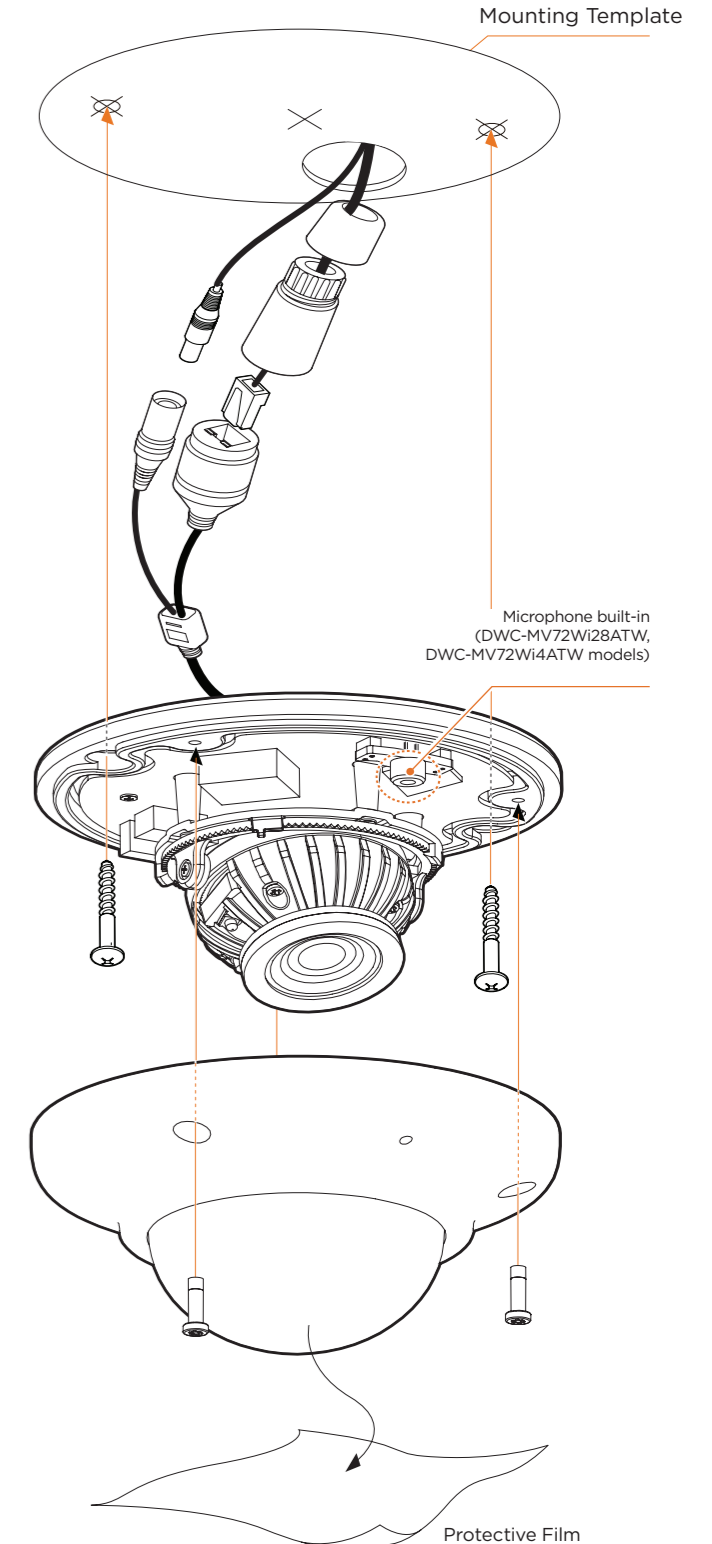
NOTE: When using the waterproof cap, crimp the RJ45 connector after passing the cable through the waterproof cap.

3. The camera is equipped with a manual IR activation button. You can choose to disable the camera's IR LEDs when the installation environment requires so.
4. Adjust the camera's lens position by rotating the camera on its three-axis gimbal.
5. When assembling the dome back on the camera, align the screw holes in the dome and the camera's base.

6. When the installation is complete, remove the dome's protective film.
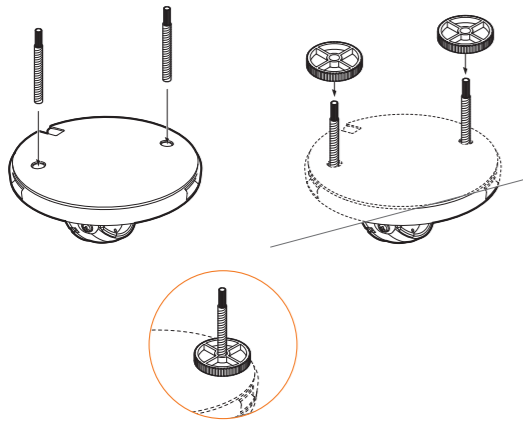
Resetting the camera: To reset the camera's settings, including the network settings, use the tip of a paper clip or a pencil. Press the reset button for five (5) seconds.

Mounting Template

Microphone built-in (DWC-MV72Wi28ATW, DWC-MV72Wi4ATW models)

LED on/off

Reset button

Protective Film

STEP 3 – INSTALLING THE CAMERA (cont.)

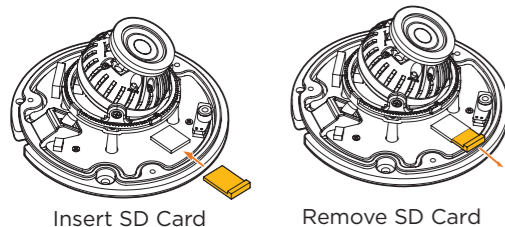Installation using the mounting bolt and screws

1. Using the mounting template, mark and drill the necessary holes on the mounting surface.

2. Secure the two long mounting screws to the camera's base.

3. Pass the wires through and make all the necessary connections.

4. Rotate the locking disks over the screws until the camera holds tightly from the mounting surface.

STEP 4 – MANAGING THE SD CARD

The following models include a local SD card slot:
DWC-MPV75Wi series, DWC-MV75Wi series, DWC-MPV72Wi series, DWC-MV72Wi series

1. To install the camera's SD Card, locate the SD card slot in the back of the camera module.

2. Insert a class 10 SD card into the SD card slot by pressing the SD card slot.

3. To remove the SD Card, press the card inward to release from the card slot.

Insert SD Card   Remove SD Card

STEP 5 – DW® IP FINDER™

Use the DW IP Finder software to scan the network and detect all MEGApix® cameras, set the camera's network settings or access the camera's web client.

Thumbnail view
Select network to scan
Filter results
Scan network
Show/hide thumbnail view
Refresh thumbnail view
Bulk IP assignment
Bulk password assignment
Firmware upgrade

DHCP status
Firmware version
Camera's uptime
Open IP configuration settings
Ping camera
Port information
Gateway address
Netmask address
Camera's MAC address
Part number
Camera's IP address
Camera's name

Network Setup

1. To install the DW IP Finder, go to http://www.digital-watchdog.com
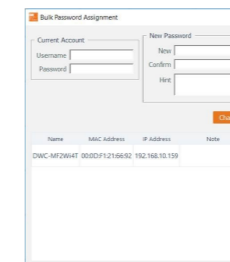2. Enter "DW IP Finder" on the search box at the top of the page.
3. Go to the "Software" tab on the DW IP Finder page to download the installation file.
4. Follow the installation to install the DW IP Finder. Open the DW IP Finder and click 'Scan Devices'. It will scan the selected network for all supported devices and list the results in the table. During the scan, the DW® logo will turn gray.

ℹ Select DHCP to allow the camera to receive its IP address automatically from the DHCP server.

ℹ Select "Static" to manually enter the camera's IP address, (Sub) Netmask, Gateway and DNS information.
* The camera's IP must be set to Static if connecting to Spectrum® IPVMS

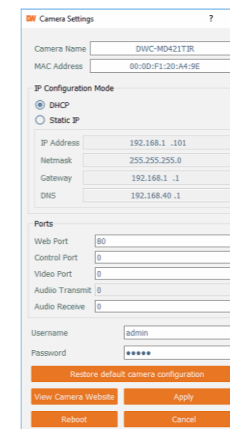ℹ Contact your network administrator for more information.

ℹ Default TCP/IP information: DHCP

5. When connecting to the camera for the first time, a password must be set. To set up a password for your new camera:
   a. Check the box next to your new camera from the IP Finder's search results. You can select multiple cameras.
   b. Click "Bulk Password Assign" on the left.
   c. In the pop-up window, enter admin/ admin in the current username and password fields. Enter a new username and password to the right.
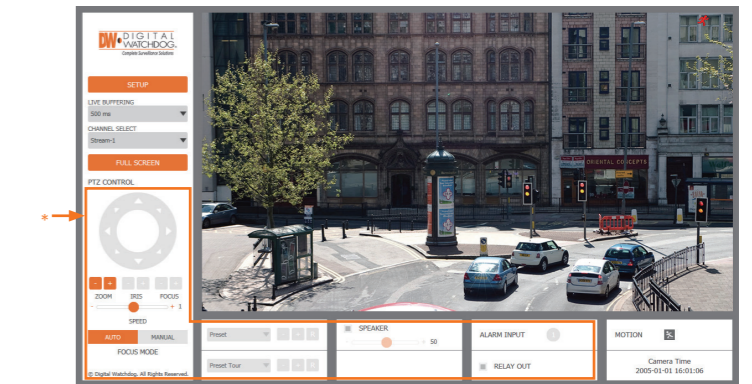   d. Press "change" to apply all changes.
6. Select a camera from the list by double-clicking on the camera's image or clicking on the 'Click' button under the IP Conf. column. The pop-up window will show the camera's current network settings, allowing admin users to adjust the settings as needed.
7. To access the camera's web page, go to the IP Config page and click on the 'View Camera Website'.
8. To save the changes made to the camera's setting, input the username and password of the camera and click Apply.

ℹ 'Port forwarding' has to be set in your network's router for external access to the camera.
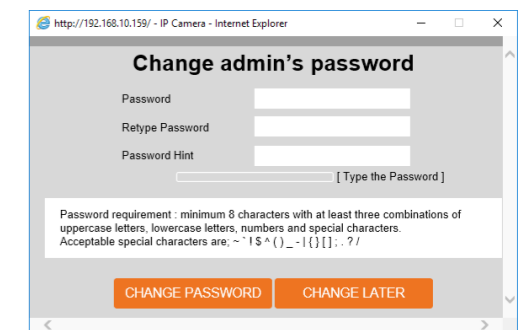
STEP 6 – WEB VIEWER

The GUI display may differ by camera models.

Once the camera's network settings have been setup properly, you can access the camera's web viewer using the DW IP Finder.

To open the camera's web viewer:

1. Find the camera using the DW IP Finder.
2. Double-click on the camera's view in the results table.
3. Press the 'View Camera Website'. The camera's web viewer will open up in your default web browser.
4. Enter the camera's username and password you setup in the DW IP Finder. If you did not setup a new username and password via the DW IP Finder, you will not be able to view video from the camera. A message will direct you to setup a new password for the camera to view video.

5. When accessing the camera for the first time, install the VLC player for web files to view video from the camera.

NOTE: 32bit version of the VLC player must be installed. If you are using a 64bit system, uninstall the previous 64bit version and reinstall using the 32bit version.

NOTE: Some menu options may not be available based on the camera model. See the full manual for more information.

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