DW DIGITAL WATCHDOG®
Complete Surveillance Solutions

MEGApix®
IP Cameras

DWC-MF5Wi4TW	DWC-MF5Wi6TW	DWC-MF5Wi8TW

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 download guides		1 set	Waterproof cap		1 set
Mounting template for bolt and nuts installation		1	Hex Allen wrench		1
Mounting template for plate installation		1	Screws and plastic anchors 3pcs		1 set
Bolt and nuts 2pcs		1 set	Moisture absorber and absorber guide		1 set
Metal mounting plate		1 set	Test monitor cable		

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 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:
9:00AM – 8:00PM 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. For the installation process, remove the dome cover from the camera module by loosening the three (3) screws on the dome. Use the Allen wrench provided with the camera.
4. Install the moisture packet in the base of the camera's lens.

   a. Remove the moisture absorber from the packaging.

   b. Cut the card and folder along the dotted line.

   c. Place the moisture absorber around the camera's lens module.
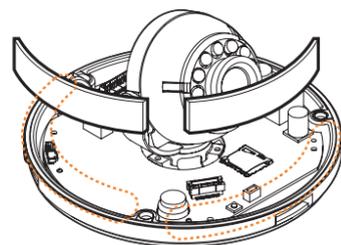
5. Remove the protective film between the dome and the camera module.
6. Remove the poron ring before placing the dome back on the camera. When attaching the dome back, align the line on the dome with the one on base of the camera.

Poron Ring
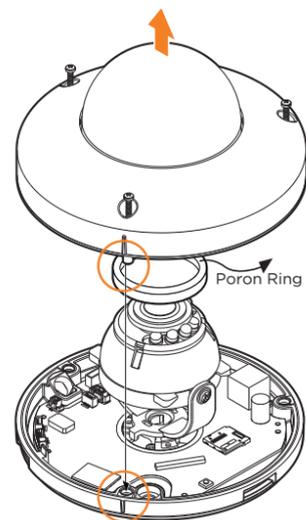
7. Using the mounting template sheet or the camera itself, mark and drill the necessary holes in the wall or ceiling.

STEP 2 – CABLING THE CAMERA TO EXTERNAL DEVICES

Pass the wires through the mount bracket and make all 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.

Power requirements	Power consumption
DC 12V, PoE (IEEE 802.3af class 3). (Adapter not included)	DC12V: max 5.9W PoE: max 7.2W

Ethernet Cable

Ethernet Cable

Power
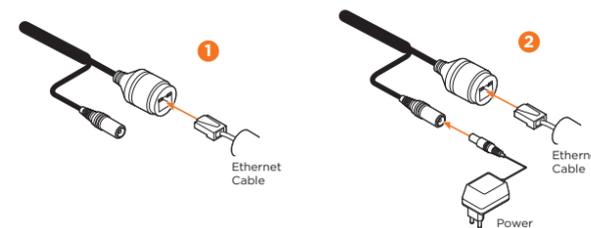
STEP 3 – INSTALLING THE CAMERA

1. Attach the main body to the mount bracket by tightening the lock screw.
2. For soft installation surfaces, use the included metal mount plate. Fix the mount plate on the mounting surface using the included screws. Then, press the bottom case onto the mount plate. The three bezels on the case will align and snap lock onto the plate.
3. To use the camera's waterproof wiring:

   a. Install the LAN cable into **a**.

   b. **b** will be assembled to **a** with a 1/4 turn.

   c. Thread **c** tightly to **b**.
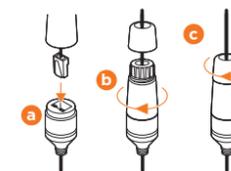
NOTE: To ensure moisture seal, make sure the o-ring is in place between **a** and **b**. In extreme environments use of an outdoor rated sealer is recommended.

NOTE: When using the waterproof cap, crimp the RJ45 connector after passing the cable through the waterproof cap.

4. Once the installation is complete, adjust the camera's tilt, panning and rotation as needed. The camera's max tilt rotation is 70°. The camera supports 360° panning and rotation.
5. Assemble the dome cover over the camera body and detach the protecting film from the dome bubble.

Template sheet

Panning 345°

Rotation 360°

Tilting 70°

Protective film
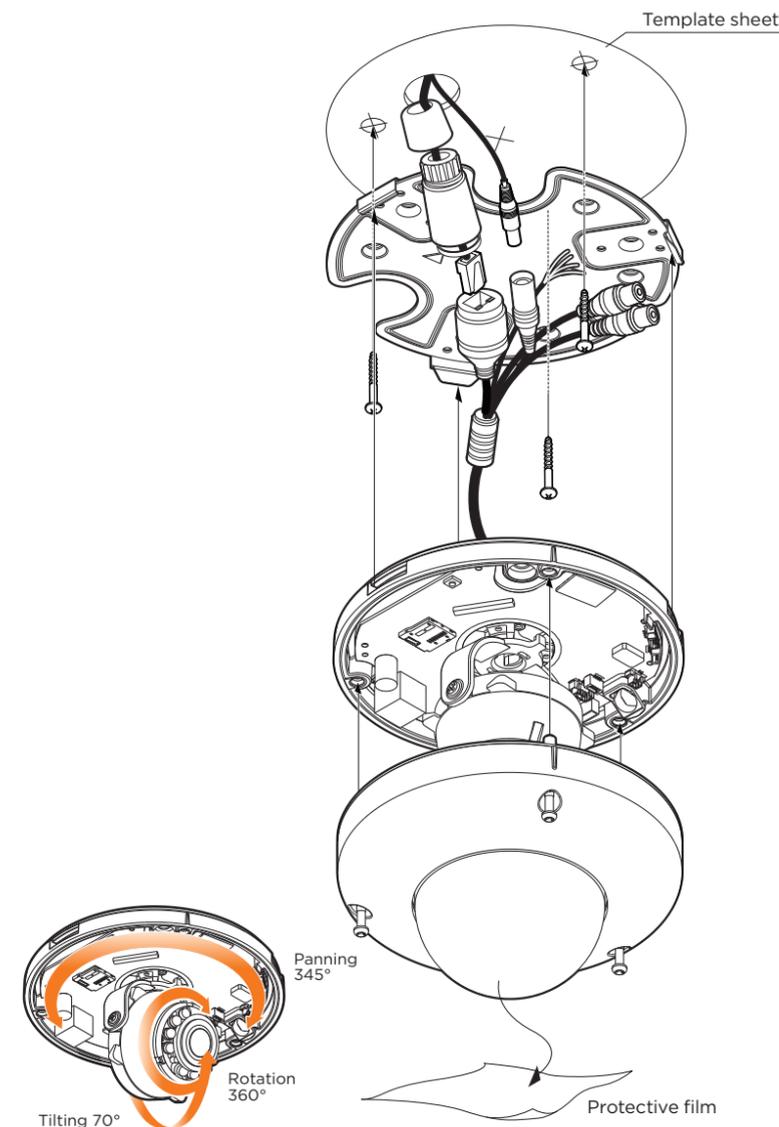
Resetting the camera: To reset the camera, use the tip of a paper clip or a pencil and press the reset button. Pressing the button for five (5) seconds will initiate a camera-wide reset of all the settings, including network settings.

Reset button

MEGAPIX
IP Cameras
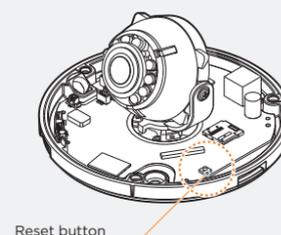
STEP 3 – INSTALLING THE CAMERA (CONT.)

Installation using Mount Bolt and Screws:

1. Using the mounting template, mark and drill the holes on the mounting surface.
2. Secure the two long mounting screws to the camera's base.
3. Pass the wires through the mount bracket and make all necessary connections.
4. Mount the camera to the mounting surface by using the 2 mounting nuts. Rotate the locking discs over the screws until the camera is held tightly from the mounting surface.

STEP 4 – CABLING

DI (+)	WHITE
DI (-)	YELLOW
DO (-)	SKY BLUE
DO (+)	GRAY + DOT

① Power ② Network ③ Audio in ④ Audio out ⑤ Alarm out ⑥ Alarm in
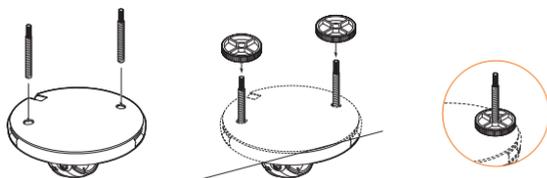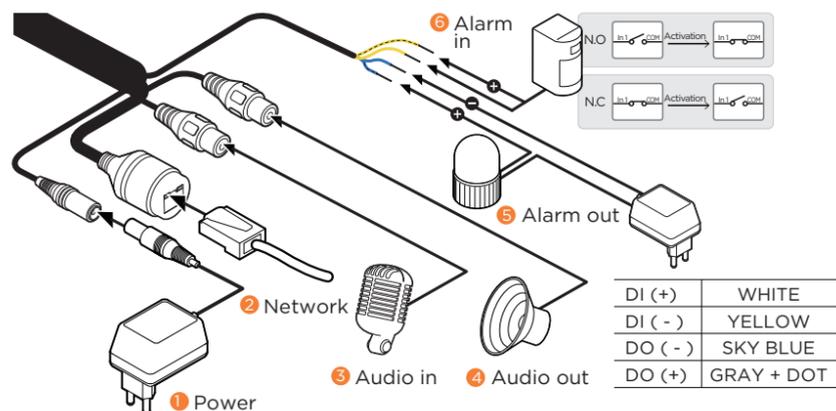
STEP 5 – MANAGING THE SD CARD

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.
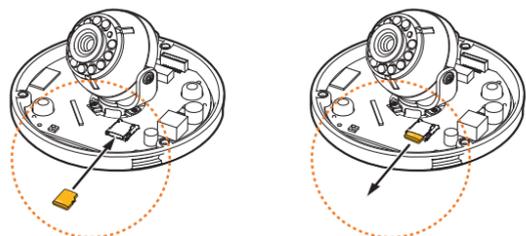
STEP 6 – DW IP FINDER™

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.

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

   ⓘ 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

   ⓘ Contact your network administrator for more information.

   ⓘ 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 'View Camera Website'.
8. To save the changes made to the camera's setting, input username and password of the camera and click Apply.
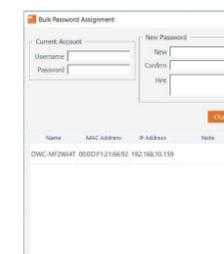
   ⓘ 'Port forwarding' has to be set in your network's router for external access to the camera.

STEP 7 – WEB VIEWER
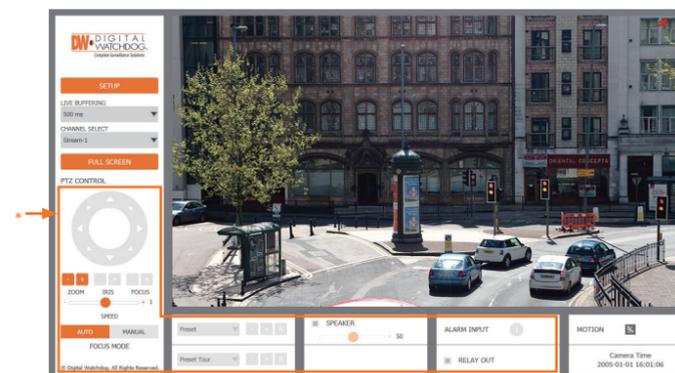
The GUI display may differ by camera models.

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 in order to view video.

Change admin's password

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

NOTE: 32bit version of VLC player must to be installed. If you are using 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 Please see the full product manual for web viewer setup, functions and camera settings options.

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