![MEGAPIX logo]
IP Cameras

DWC-MVC8WiATW

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

Hex Allen wrench		1	Mounting bolt and screws		1 set
Test monitor cable		1	Moisture absorber		1
Screws and plastic anchors - 2pcs		1 set	Quick setup and download guides		1 set
Mounting template		1	RJ45 installation tool		1
Grommet		1			

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

1. Go to: **http://www.digital-watchdog.com/resources**
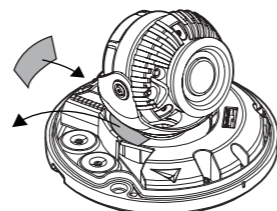2. Search your product by entering the part number in the **'Search by Product'** search bar. Results for applicable part numbers will populate automatically based on the part number you enter.
3. Click **'Search'**. All supported materials, including manuals and quick start guide (QSGs) will appear in the results.
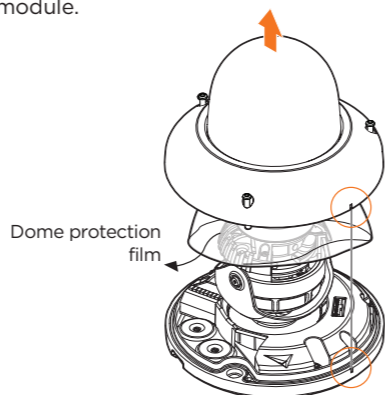
Attention: This document is intended to serve as a quick reference for initial set-up. It is recommended that the user read the entire instruction manual for complete and proper installation and usage.

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. 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.
4. Install the moisture packet in the base of the camera's lens.

   a. Remove the existing packet from the camera's base.

   b. Insert the new moisture absorber packet in its place, as seen in the diagram below.

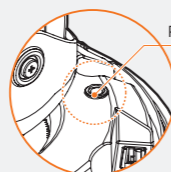   c. Place the moisture absorber under the camera's lens module.

5. Remove the dome protection film between the dome and the camera module.

Dome protection film

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

WARNING　DO NOT TOUCH THE SURFACE OF THE BUBBLE. CleanView™ Hydrophobic Dome Coating has been applied to the camera's dome.

Reset Button

Resetting the camera: To reset the camera, press the reset The system will initiate a camera-wide reset of all the settings, including network settings.
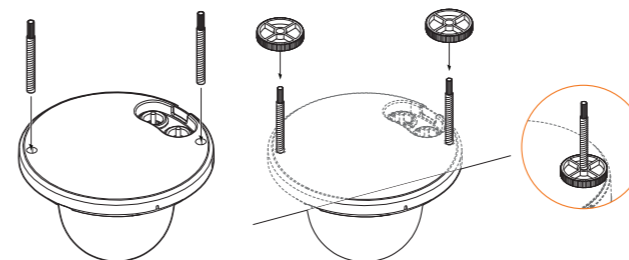

STEP 2 – CABLING THE CAMERA TO EXTERNAL DEVICES

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.
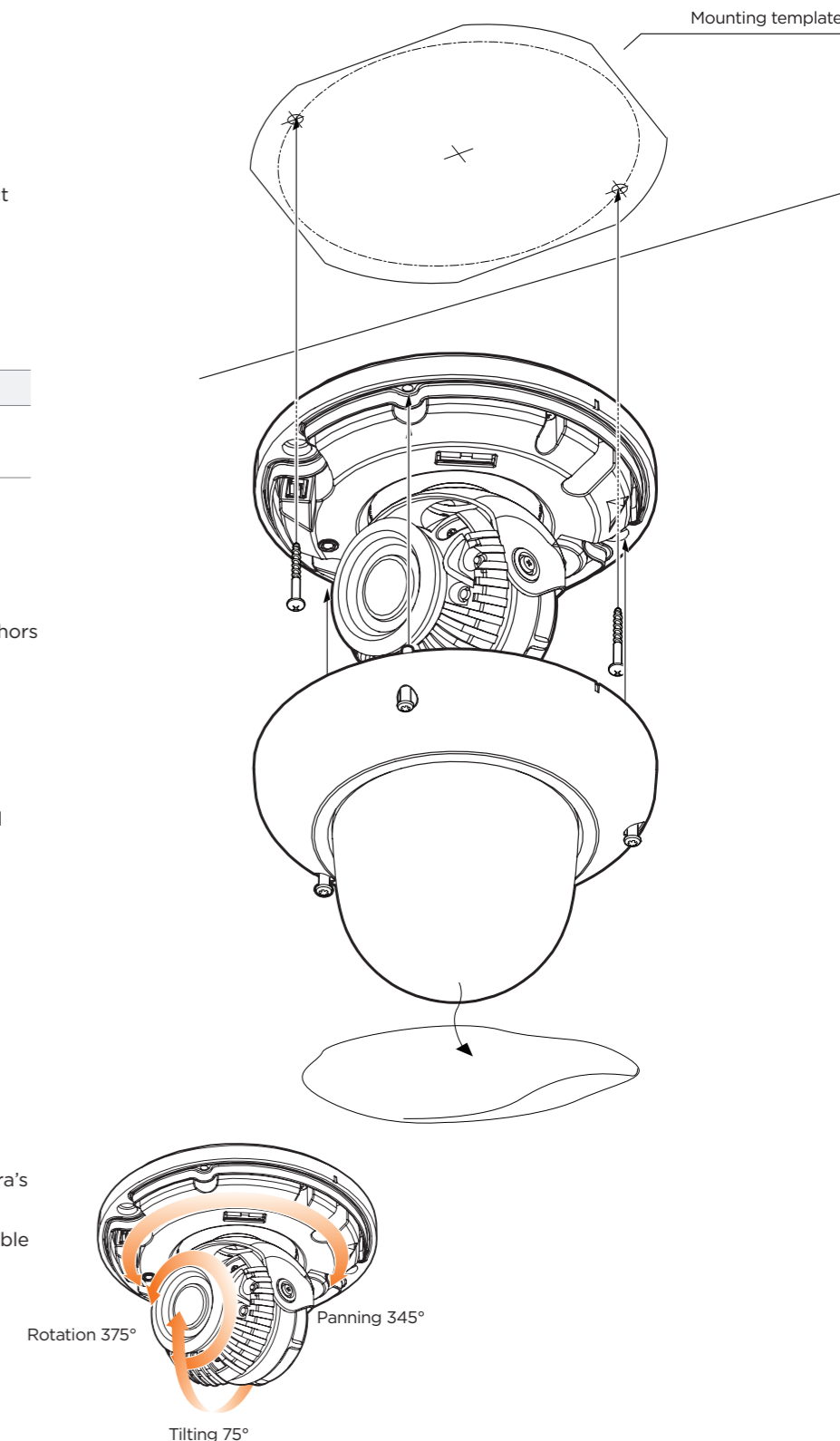
Power requirements	Power consumption
DC 12V, PoE (IEEE 802.3af Class 3). (Adapter not included)	DC12V: max 9.3W PoE: max 11.6W

STEP 3 – INSTALLING THE CAMERA

1. Attach the camera to the mounting surface using the included anchors and screws.
2. To mount the camera using the mounting bolt and screws:

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

   b. Mount the camera to the mounting surface using the 2 mounting nuts.

   c. Rotate the locking discs over the screws until the camera is held tightly from the mounting surface.

3. Adjust the camera's lens position to the necessary angle. the camera's max tilting angle is 75°
4. Assemble the dome cover over the camera body. Be sure to assemble the dome and bottom case to match the case outline. When the installation is completed, remove the protective film.

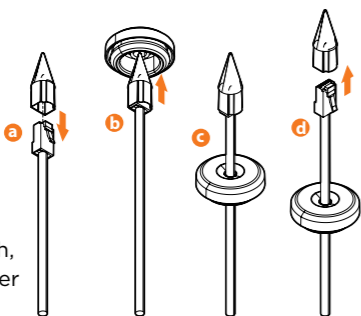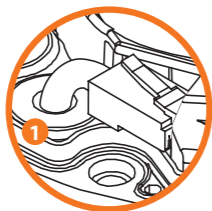

Mounting template

Rotation 375°

Panning 345°

Tilting 75°
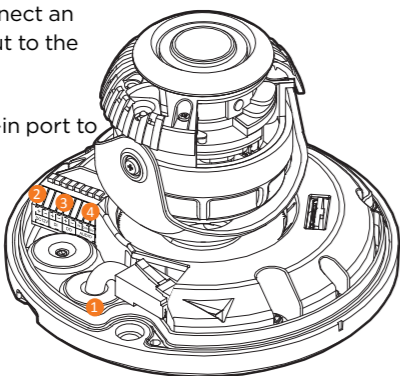
STEP 4 – CABLING

1. **Network cable** - In order to connect an RJ45 cable to the camera:

   a. Remove the camera's dome using the included wrench.

   b. Attach the included RJ45 installation tool to the network cable.

   c. Pass the network cable's connector through the grommet.

   d. Once the cable's connector is through, remove the installation tool and connect the network cable's connector to the network outlet at the base of the camera.

2. **Power** - If you are using a non-PoE switch, connect the camera to an adequate power adapter to power the camera.

3. **Sensor/alarm input and output** - connect an external sensor input and alarm output to the camera's terminal block.
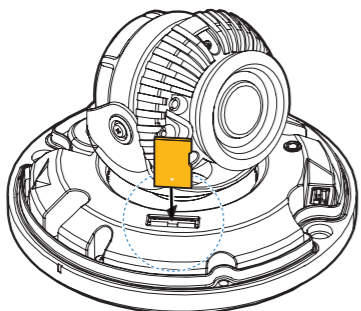
4. **Audio input** - use the camera's audio-in port to connect a microphone or "line out" port of an amplifier.

+	−	+	−	+	−	IN	COM	OUT
DC12V		DI		DO			AUDIO	

2 3 4

STEP 5 – MANAGING THE SD CARD

1. To install the camera's SD Card, locate the SD card slot at the base of the camera.

2. Insert a class 10 SD card into the SD card slot by pressing the SD card into the slot until it clicks into position.

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
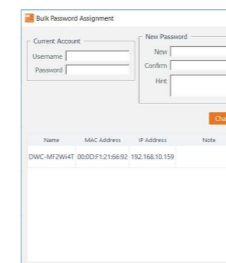
1. To install the DW® IP Finder™, go to: http://www.digital-watchdog.com
2. Enter "DW® IP Finder™" on the search box at the top of the page.
3. Go to the "Software" tab on the DW® IP Finder™ page to download the installation file.
4. Follow the installation to install the DW® IP Finder™. Open the DW® 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.
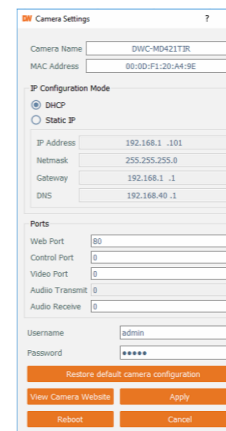
ℹ Select DHCP to allow the camera to receive its IP address automatically from the DHCP server.

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.
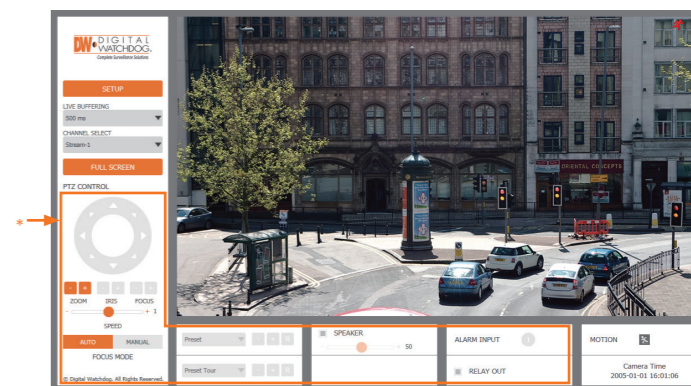
   d. Press "change" to apply all changes.

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.
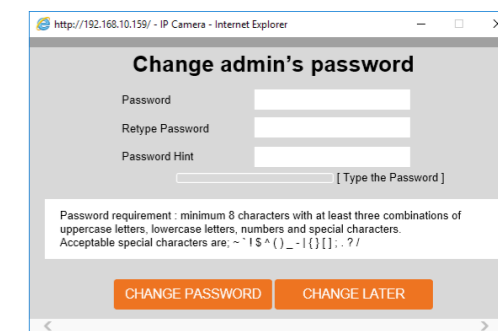
STEP 6 – WEB VIEWER

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 in order to view video.

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

NOTE: Please see the full product manual for web viewer setup, functions and camera settings options.

Rev Date: 02/20