MEGAPIX® CaaS™
CAMERA AS A SYSTEM

| DWCA-VF25W28-64 |
| DWCA-VF25WIR4-64 |
| DWCA-VF25WIR8-64 |

| Username: **admin** | Password: **admin** |

WHAT'S IN THE BOX

QSG Manual		1 Set	Mount Bolt & Nut – 2pcs		1 Set
Manual CD		1 Set	Mount Plate		1 Set
Template Sheet for installing by Bolt & Nut		1 Set	Screw & Plastic Anchor – 3pcs		1 Set
Template Sheet for installing by Plate		1 Set	Torx Wrench		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 camera usage.

Step 1 – PREPARING TO MOUNT THE CAMERA

1. The mounting surface must bear five times the weight of your camera.

2. 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.

3. Using the mounting template sheet or the camera itself, mark and drill the necessary holes in the wall or ceiling.
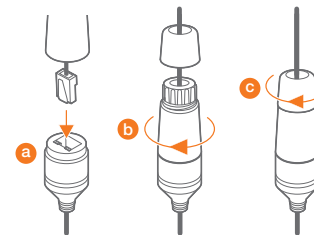
Step 2 – CABLING THE CAMERA TO EXTERNAL DEVICES

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

   a. If you are using a PoE Switch, connect the camera using an Ethernet cable for both data and power.

   b. If you are using a non-PoE switch, connect the camera to the switch using an Ethernet cable and use a power adapter to power the camera.

Power Requirements	Power Consumption
DC 12V PoE IEEE 802.3atPoE+ / PoE Class 2	LED Off: 2.2W, 180mA LED On: 3W, 255mA (IR models only)

Step 3 – INSTALLING THE CAMERA

5. To use the camera's waterproof wiring:

   (1). Install the LAN cable into (a).
   (2). (b) will be assembled to (a) with a 1/4 turn.
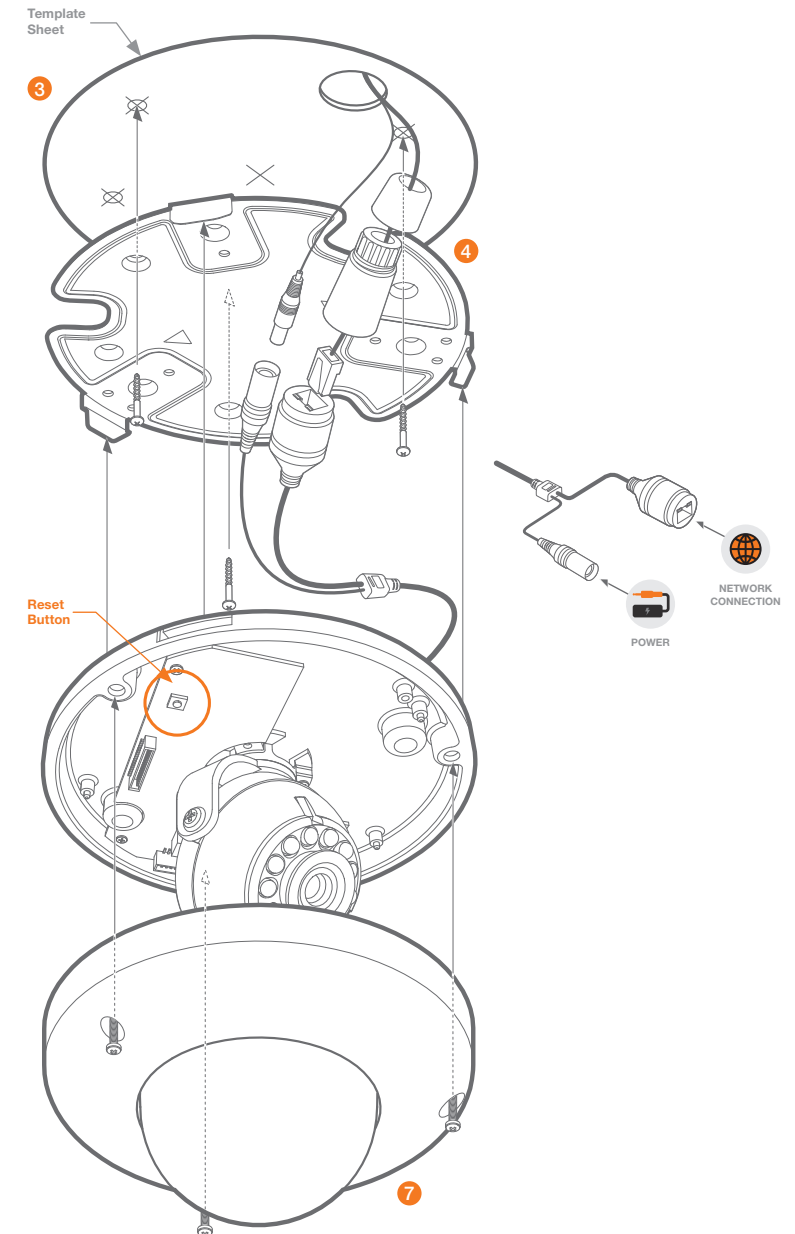   (3). Thread (c) tightly to (b).

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.

6. Use the camera's 3-Axis gimbal to adjust the camera's view. The camera's maximum tilting angle is 70°.

7. Assemble the dome cover over the camera body and detach the protecting film from the dome bubble.

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.
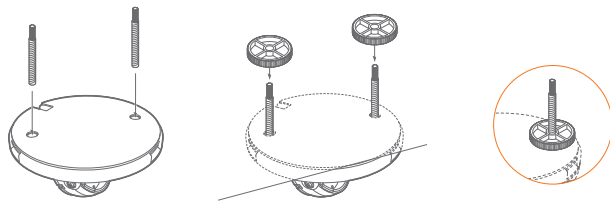

Soft Surface Installation

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.

Template Sheet

Reset Button

NETWORK CONNECTION

POWER

Step 3 – INSTALLING THE CAMERA (CONT.)

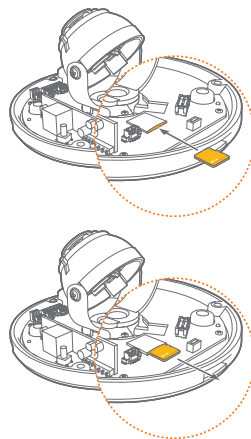Installation using Mount Bolt and Screws:

1. Using the template sheet, make and drill the cabling holes on the wall/ceiling.
2. Secure the two long mounting screws to the camera's base.
3. Pass the wires through and make all necessary connections.
4. Mount the camera by using the 2 mounting nuts. Rotate the locking discs over the screws until the camera is held tightly from the mounting surface.
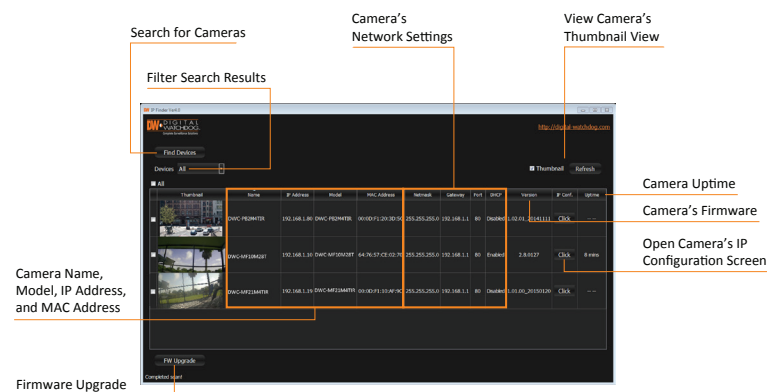
Step 4 – MANAGING THE SD CARD

This camera comes with an SD card pre-installed. If you wish to upgrade the memory size or reset 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. Please check your camera model as your camera may come with a 64GB SD Card pre-installed.
3. To remove the SD Card, press the card inward to release from the card slot.

Step 5 – DW IP FINDER™

Use the DW IP Finder™ included in the camera's accessory CD to scan the network and detect all MEGApix® cameras, set the camera's network settings, perform firmware upgrade or access the camera's web client.

Search for Cameras
Filter Search Results
Camera's Network Settings
View Camera's Thumbnail View
Camera Uptime
Camera's Firmware
Open Camera's IP Configuration Screen
Camera Name, Model, IP Address, and MAC Address
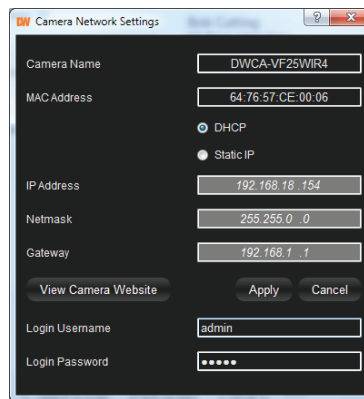Firmware Upgrade

Network Setup

1. Run the CD included with the camera and click on the DW IP Finder™ file.
2. The software will scan your network for all supported cameras and display the results in the table.
3. 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 camera's network information will appear. If necessary, you can adjust the camera's network type.

> ⓘ Select DHCP if the internet service is dynamic IP. This will allow the camera to receive its IP address from the DHCP server.
>
> ⓘ Select STATIC to manually enter the camera's IP address, subnet mask, Gateway and DNS information.
>
> ⓘ Contact your network administrator for more information.

4. The camera's default network information is:

> ⓘ Default TCP/IP information
>
> • IP: 169.254.X.X
> • Subnet Mask: 255.255.255.0
> • Gateway: 192.168.1.1
> • DNS: 168.126.63.1

5. To view the camera's web viewer, click on 'View Camera Website'.

> ⓘ 'Port Forwarding' has to be set in your network's router for external access to the camera.
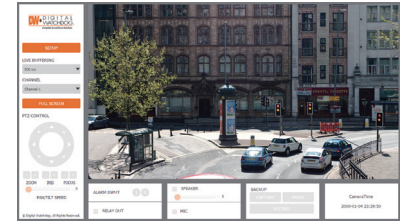
6. To save the changes made to the camera's settings, input the ID and PW of the camera for authentication and click 'Save'.
7. If the camera needs to be rebooted after the settings were changed, press the 'Reboot' button. The camera will cycle power and will appear back in the search results once the reboot is complete.

> ⓘ Default ID / PW : admin / admin

8. To update the camera's firmware from the DW IP Finder™, click on the firmware tab, upload the firmware file and select the cameras to update. You can update multiple cameras at the same time.

Step 6 – WEB VIEWER

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 (default are admin / admin).
5. If you are accessing the camera for the first time, install the VLC files in order to view video from the camera.
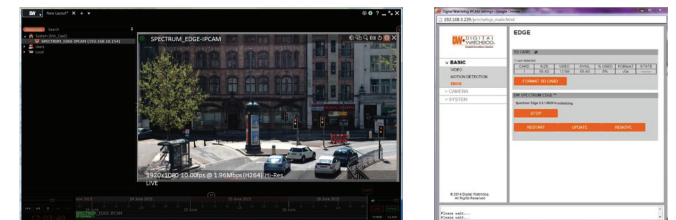
Step 7 – DW SPECTRUM EDGE™ SETUP

This camera comes with the DW Spectrum Edge™ pre-installed. Follow the instructions below if a new SD card is installed on the camera.

1. To add the Edge capability to the camera, install the DW Spectrum CaaS™ software. This software will allow you to record locally to the camera, use the failover redundancy feature and control your camera as any other server using the DW Spectrum™ IP VMS software.
2. To download the DW Spectrum CaaS™ software and for more information, please go to Digital Watchdog's website at **www.digital-watchdog.com**.
3. Once the DW Spectrum CaaS™ software is installed on the camera, you can stop or restart the now installed DW Spectrum CaaS™ server, update the software or remove it from the camera.

> Note: Before Settings up the DW Spectrum Edge™, please make sure the camera's time zone is set properly. Go to the camera's web viewer and select: Setup > System > Date & Time. Select the proper time zone from the drop-down menu and press save to save all changes.

4. To access the camera via the DW Spectrum™ client:
   a. Install the client software included in the accessory CD.
   b. Run the DW Spectrum™ software.
   c. Enter the camera's IP address in the login screen.

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