DW DIGITAL WATCHDOG®
Complete Surveillance Solutions

MEGApix® PANO™
Panoramic View IP Cameras

DWC-PVF9M2TIR

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

WHAT'S IN THE BOX

Template sheets		2 Sets	Mount Bolt & Nut – 2pcs		1 Set
Quick start guide		1 Set	Mount Plate		1 Set
Torx wrench		1 Set	Screw & Plastic Anchor – 3pcs		1 Set

NOTE: Download All Your Support Materials and Tools in One Place

1. Go to: **http://www.digital-watchdog.com/support-download/**
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, Quick Start Guides (QSG), software and firmware 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.
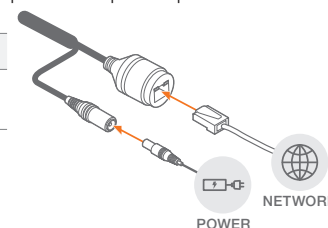
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digital-watchdog.com

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

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STEP 1 – PREPARING TO MOUNT THE CAMERA

1. The mounting surface must bear five times the weight of your camera.
2. Do not let the cables get caught in improper places or the electric line cover to be damaged. This may cause a breakdown or fire.
3. For the installation process, remove the dome cover and rubber gasket from the camera module by loosening the screw on the side of the dome. Use the wrench provided with the camera.
4. Using the mounting template sheet or the camera itself, mark and drill the necessary holes in the wall or ceiling.
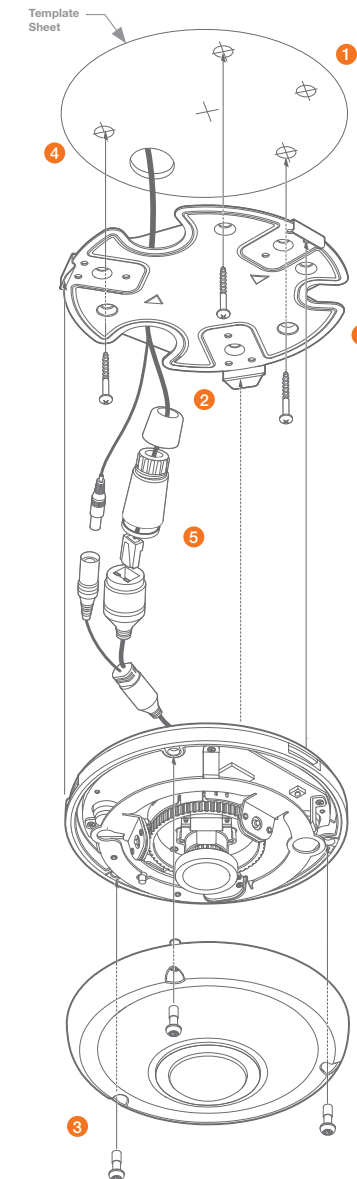
STEP 2 – CABLING THE CAMERA TO EXTERNAL DEVICES

5. Pass the wires through the mount bracket and make all necessary connections.
   a. NETWORK CONNECTIONS – If you are using a PoE Switch, connect the camera using an Ethernet cable for both data and power.
   b. 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.

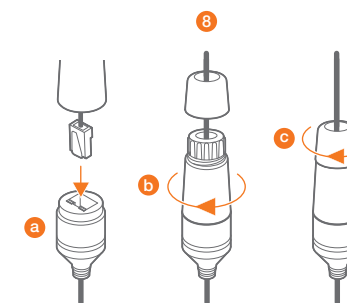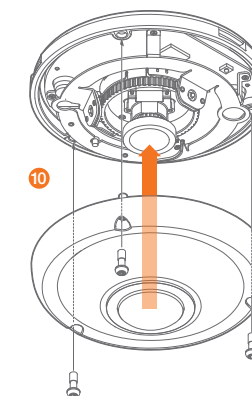| Power Requirements	Power Consumption
DC12V, PoE IEEE 802.3af class 3 (adaptor not included)	DC12V Max 7.0W POE Max 7.8W

POWER   NETWORK

Step 3 – INSTALLING THE CAMERA

6. Once all cables are connected, secure the camera to the mounting surface using the included screws.
7. Re-attach the camera's gasket ring and dome to the camera module by aligning the screw holes.
8. The camera includes a sensor at the camera's module. For the sensor to function properly, the camera's dome includes a special hole for the sensor.
9. When assembling the camera together, please make sure the sensor hole in the camera's dome is positioned right on top of the sensor on the camera's module.

Template Sheet
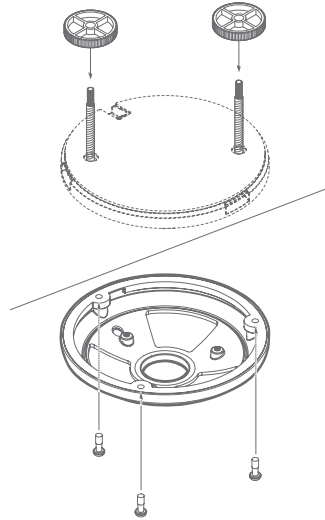

Soft Surface Installation

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.

MEGApix PANO
Panoramic View IP Cameras

STEP 3 – INSTALLING THE CAMERA (CONT.)
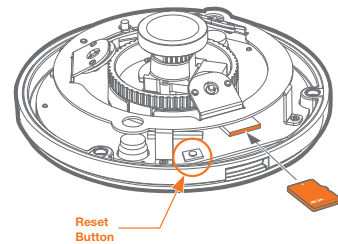
Installation using Mount Bolt and Screws:

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 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.
5. Secure the camera's cover dome onto the camera base to complete the installation.

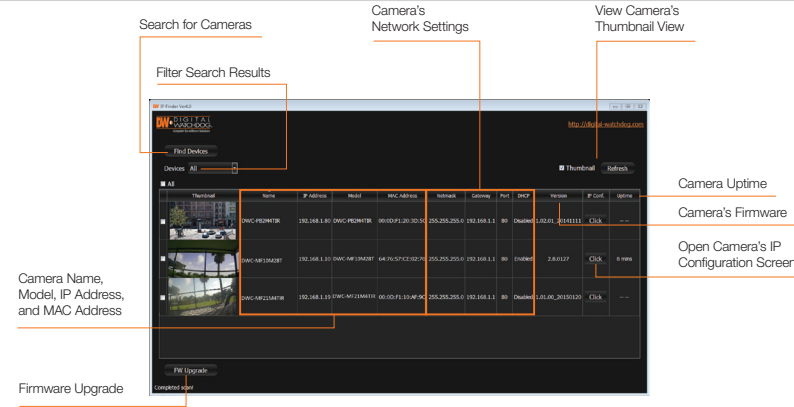## STEP 4 – MANAGING THE SD CARD

To install the memory card:

1. The SD Card slot is located next to the rest button.
2. Detach the camera's cover dome from the camera's module by unscrewing the cover dome screws.
3. Insert a Micro SD/SDHC Class 10 card according to the diagram.
4. To remove the SD card, press the card gently into the card slot to release it. The card will pop out automatically.

Reset Button

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.

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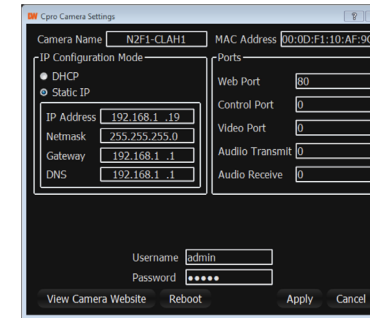
Search for Cameras
Filter Search Results
Camera's Network Settings
View Camera's Thumbnail View
Camera Uptime
Camera's Firmware
Open Camera's IP Configuration Screen
Camera Name, Model, IP Address, and MAC Address
Firmware Upgrade

Network Setup

1. Go to: **http://www.digital-watchdog.com**
2. Search for 'IP Finder' on the quick search bar at the top of the page.
3. The latest IP Finder software will appear in the search results. Click on the link to download the file to your computer.
4. Launch the DW IP Finder software by double-clicking on the downloaded file.
5. The software will scan your network for all supported cameras and display the results in the table. Allow up to 5 seconds for the IP Finder to find the camera on the network.
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 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.

> ⓘ Default TCP/IP information
> • IP: DHCP

Camera Name	N2F1-CLAH1	MAC Address 00:0D:F1:10:AF:9C

IP Configuration Mode
○ DHCP
● Static IP

Ports
Web Port 80
Control Port 0
Video Port 0
Audio Transmit 0
Audio Receive 0

IP Address 192.168.1 .19
Netmask 255.255.255.0
Gateway 192.168.1 .1
DNS 192.168.1 .1

Username admin
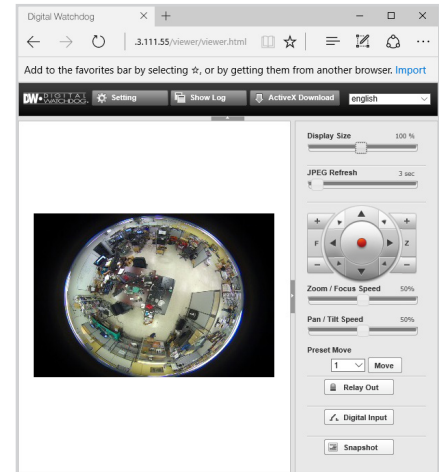Password •••••

View Camera Website | Reboot | Apply | Cancel

7. 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.

8. To save the changes made to the camera's settings, input the ID and PW of the camera for authentication and click 'Save'.
9. 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

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™ (see step 7 under STEP 5 IP Finder™), or directly via a supported web browser.

To open the camera's web viewer:

1. Open a supported web browser (Internet Explorer® 8.0 or above).
2. Enter the camera's IP address and port in the address bar. Example: http://ipaddress/port. Please note that port forwarding may be necessary in order to access the camera from a different network. Please contact your network administrator for additional information.
3. Enter the camera's username and password (default are admin / admin).
4. If you are accessing the camera for the first time, install the ActiveX 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: 03/18