MEGAPIX® CaaS™
Camera as a System

| DWC-PVF5M1TIRC6 - 64GB Storage |
| DWC-PVF5M1TIRC1 - 128GB Storage |
| DWC-PVF5M1TIRC2 - 256GB Storage |

Default Login Information	
Username: **admin**	Password: **admin**

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WHAT'S IN THE BOX

Quick setup guide	1	Mounting bolts and nuts – 2pcs		1 set
Metal mounting plate	1	Screws and plastic anchors – 3pcs		1 set
Mounting template for bolt and nut installation	1	Waterproof Cap and Rubber Rings (Black: ø0.15" (ø4mm), White: ø0.19" (ø5mm))		1 set
Mounting template for metal plate installation	1	Star Wrench (T-20)		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 setup. 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 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. 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. 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, 525 mA min.
5. 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.
6. 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.
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.
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 for data transmission and use a power adapter to power the camera.

Power Requirements	Power Consumption
DC12V, POE IEEE 802.3af class 3 (Adapter not Included)	LED On: 6.5W LED Off: 3.6W

POWER   NETWORK
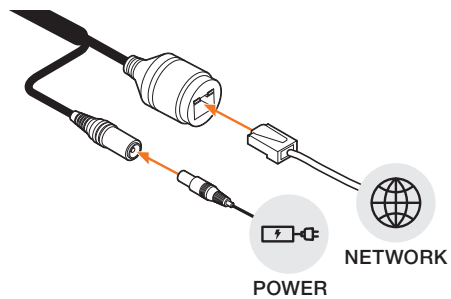
STEP 3 – INSTALLING THE CAMERA

1. Once all cables are connected, secure the camera to the mounting surface using the included screws.
2. The waterproof cap set comes with two rubber rings with different diameters. The black rubber ring has an internal diameter of ø0.15" (ø4mm). The white rubber ring has an internal diameter of ø0.19" (ø5mm). When using the waterproof cap, use the rubber ring best suited for your network cable's diameter.
   a. Pass the LAN cable through the waterproof cap, gasket and the **a** rubber ring.
   b. Connect the LAN cable to the camera's network port **b**.
   c. **c** will be affixed to **b** with a ¼ turn counter-clockwise.
   d. Thread and twist **d** tightly to **c**.
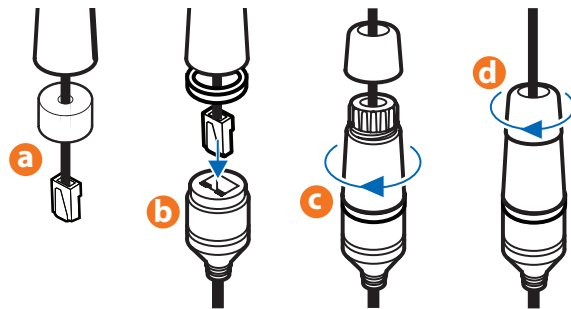
NOTE: To ensure moisture seal, make sure the o-ring is in place between **a** and **b**. In extreme environments use of an outdoor rated sealer is recommended.

NOTE: Cables with ø4.5mm to ø5.5mm thickness should use the black rubber ring. Cables over ø5.5mm in thickness should use the white rubber ring.

3. Re-attach the camera's gasket ring and dome to the camera module by aligning the screw holes.
4. 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.
5. 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
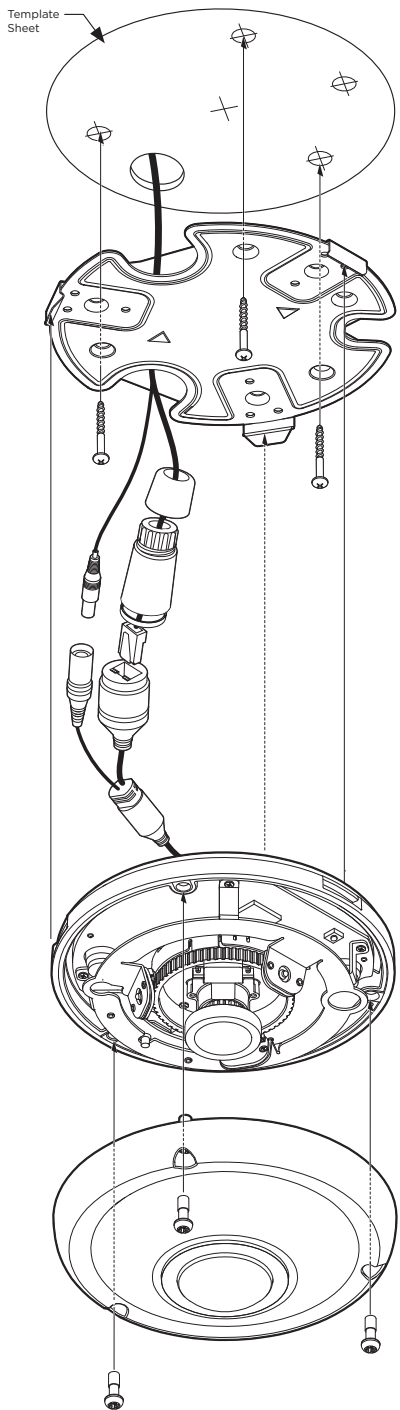
Soft surface installation

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.
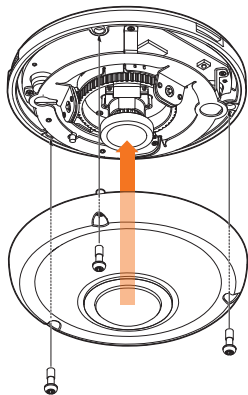
STEP 3 – INSTALLING THE CAMERA (CONT.)

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.
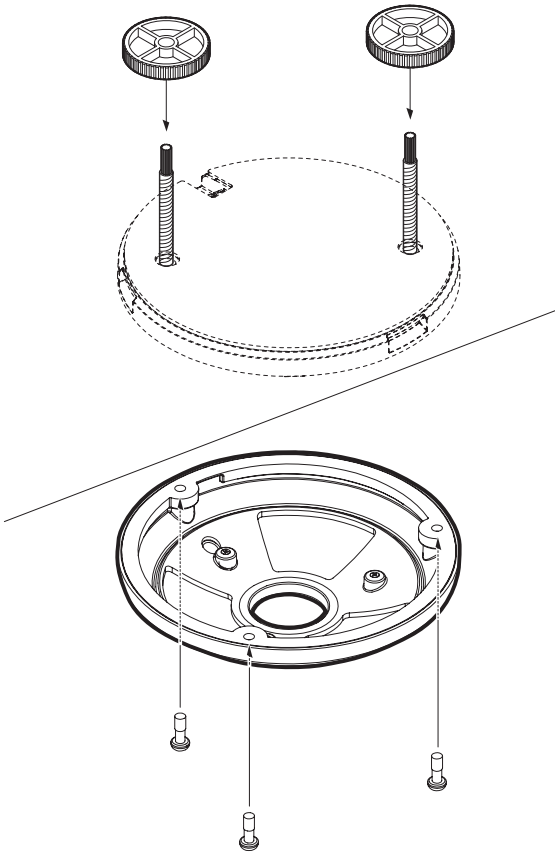
STEP 4 – DW® IP FINDER™

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 device type to scan

Scan devices

Show/hide thumbnail view

Refresh thumbnail view

Bulk IP assignment

Firmware upgrade

Firmware version

Camera's uptime

Open Device configuration settings

Device's information

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 and press Enter.
3. Click on the DW® IP Finder™ from the search result and go to Software tab. Click on download icon to download the DW® IP Finder™ installation file.
4. Run the installation file and follow the wizard 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 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, (Sub) Netmask, Gateway and DNS information.
The camera's IP must be set to "Static" if connecting to DW Spectrum® IPVMS.

ⓘ Contact your network administrator for more information.

ⓘ Default TCP/IP information: DHCP

5. 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.
6. To access the camera's web page, click on 'View Camera Website'.
7. To save the changes made to the camera's setting, input username and password of the camera and click Apply. Click 'Scan Devices' from the main screen again to display the updated information.

ⓘ 'Port forwarding' has to be set in your network's router for external access to the camera.

ⓘ Default ID / PW: admin / admin

*NOTE: For security purposes, it is highly recommended to change your password after initial setup.

STEP 5 – WEB VIEWER
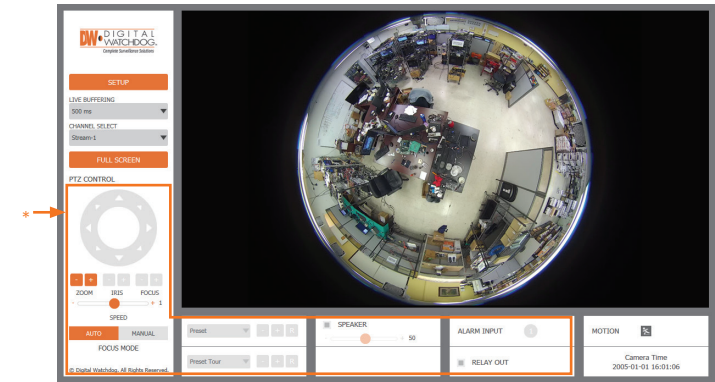
The GUI display may differ by camera models.

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 (default are admin / admin).
5. If you are 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.

STEP 6 – SETUP DW SPECTRUM® CAAS™ FOR RECORDING

To complete the DW Spectrum® CaaS™ server's setup and start recording, see the DW Spectrum® CaaS™ QSG for additional information.

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