

MEGAPIX IVA GALAXY™
Intelligent Video Analytics IP cameras

MEGApiX® IVA+™ models	MEGApiX® IVA™ models
DWC-MPVD8WiATW	DWC-MVD8WiATW
DWC-MPVD8Wi28TW	DWC-MVD8Wi28TW



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

Star Wrench T-1.5 (for camera rotation)		1	Star Wrench T-2.5 (for camera tilt and control panel access)		1
Test Monitor Cable		1	Mounting Bolts and Nuts		1 set
Screws and Plastic Anchors - 2pcs		1 set	Waterproof Cap and Rubber Rings (Black: ø0.15" (ø4mm), White: ø0.19" (ø5mm))		1
Mounting Template		1 set	Quick Setup and Download Guides		1 set

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

- Go to: <http://www.digital-watchdog.com/resources>
- 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.
- 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.

STEP 1 - PREPARING TO MOUNT THE CAMERA

- The mounting surface must withstand five times the camera weight.
- 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.
- Using the mounting template sheet or the camera itself, mark and drill the necessary holes in the wall or ceiling.

STEP 2 - POWERING THE CAMERA

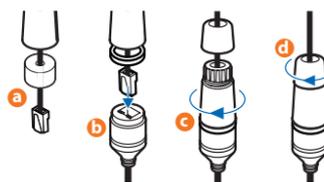
Pass the wires through the mount bracket and make all necessary connections.

- If you are using a PoE switch, connect the camera using an Ethernet cable for both data and power.
- 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 requirements	Power consumption
DWC-MVD8WiATW DWC-MPVD8WiATW	DC12V, PoE IEEE 802.3af Class 3 (Adapter not included)	DC12V: 12.4W PoE: 14.9W
DWC-MVD8Wi28TW DWC-MPVD8Wi28TW		DC12V: 9.8W PoE: 13.9W

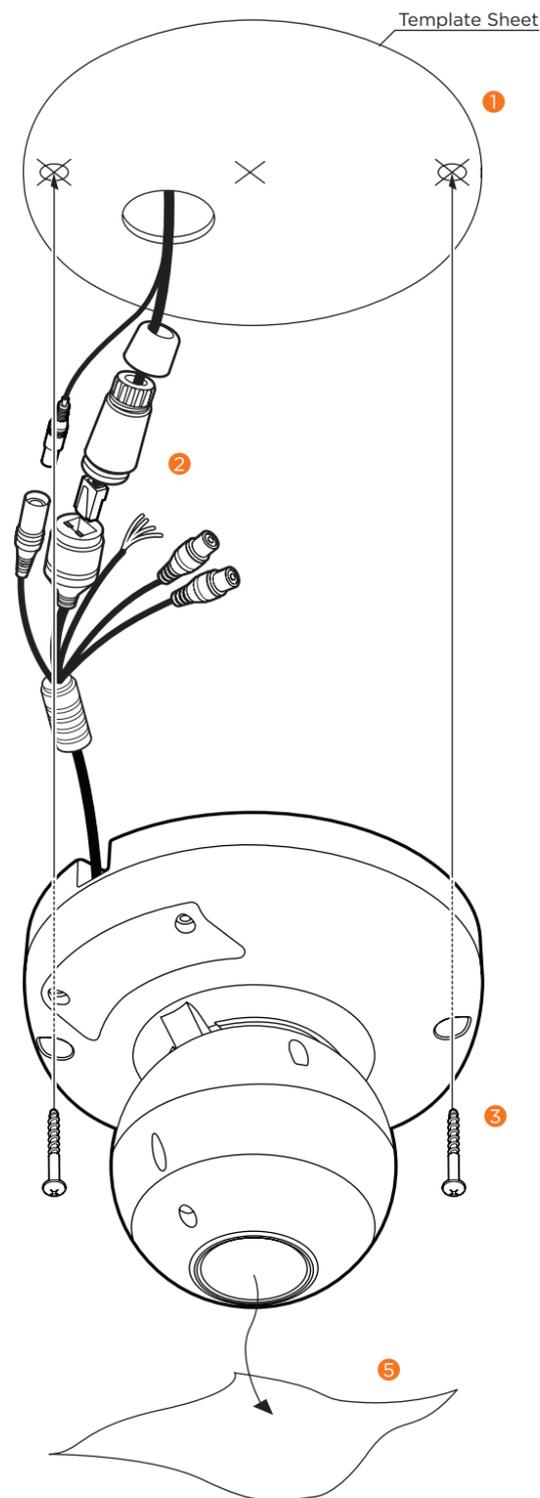
STEP 3 - INSTALLING THE CAMERA

- Attach the camera to the mounting surface using the included anchors and screws.
- 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.
 - Pass the LAN cable through the waterproof cap, gasket and the **a** rubber ring.
 - Connect the LAN cable to the camera's network port **b**.
 - c** will be affixed to **b** with a ¼ turn counter-clockwise.
 - Thread and twist **d** tightly to **c**.



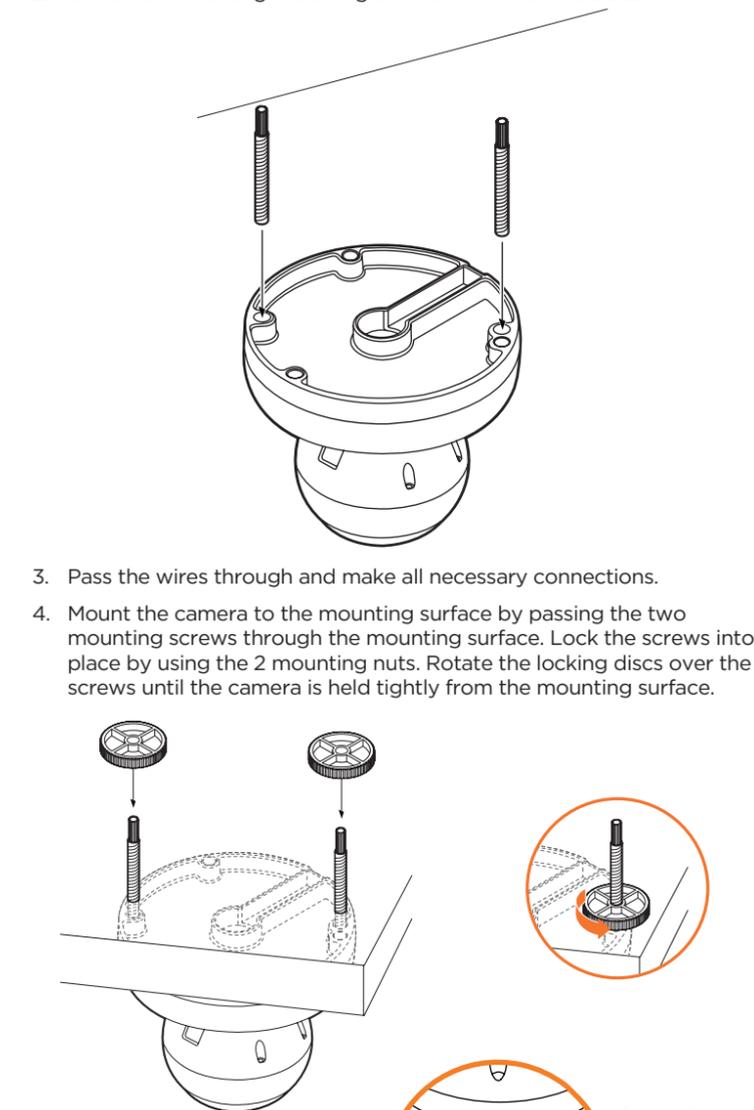
NOTE: To ensure moisture seal, make sure the o-ring is in place between **a** and **b**. In extreme environments use of an outdoor rated sealer is recommended.

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.

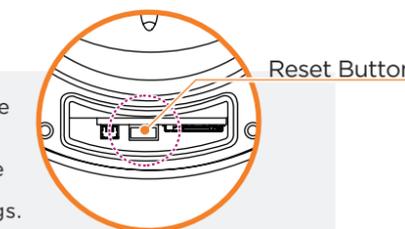


Using the bolt and screws installation:

- Using the mounting template, mark and drill the holes on the mounting surface.
- Secure the two long mounting screws to the camera's base.

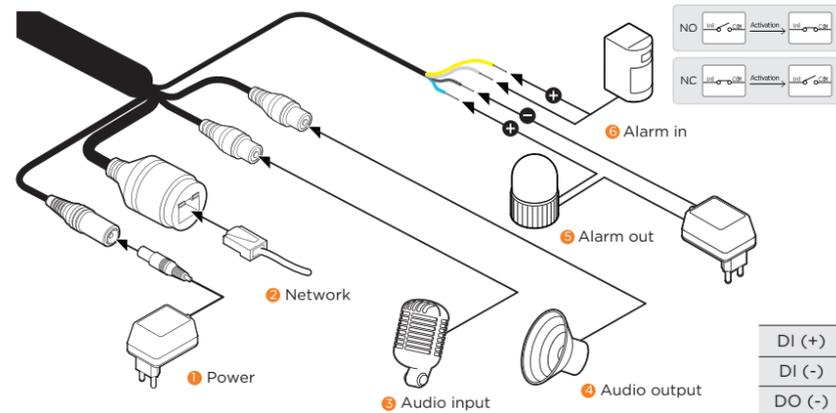


Resetting the camera: To reset the camera, press the reset button on the external control panel for five (5) second. The system will initiate a camera-wide reset of all the settings, including network settings.



STEP 4 – CABLING

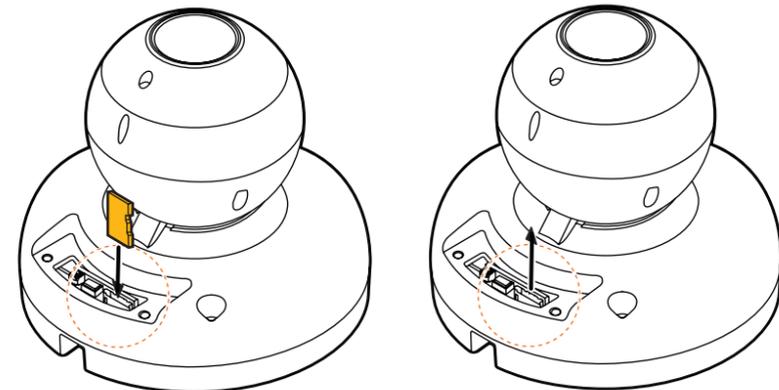
Use the diagram below to properly connect power, network, audio, alarm and sensors to the camera.



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

STEP 5 – MANAGING THE SD CARD

- To install the camera's SD Card, locate the SD card slot in the external control panel on the side of the camera. Use the included wrenches to open the side door to access the SD card slot.
- Insert class 10 SD/SDHC/SDXC card into the SD card slot by pressing the SD card until clicks.
- To remove the SD card, press the card inward until it clicks to release from the card slot then pull out from the slot.



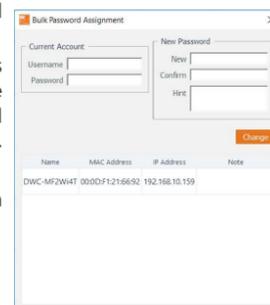
NOTE: Maximum SD Card size supported: 64GB. When inserting the SD card into the card slot, the SD card's contacts should be facing upward, as shown in the diagram.

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.

Network Setup

- To install the DW IP Finder, go to: <http://www.digital-watchdog.com>
- Enter "DW IP Finder" on the search box at the top of the page.
- Go to the "Software" tab on the DW IP Finder page to download the installation file.
- 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.
- When connecting to the camera for the first time, a password must be set. To set up a password for your camera:
 - Check the box next to the camera in the IP Finder's search results. You can select multiple cameras.
 - Click "Bulk Password Assign" on the left.
 - Enter admin/admin for the current username and password. Enter a new username and password to the right. Passwords must have a minimum of 8 characters with at least 4 combinations of uppercase letters, lowercase letters, numbers and special characters. Passwords cannot contain the user ID.
 - Click "change" to apply all changes.
- 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.
- To access the camera's web page, click on the 'View Camera Website' from the IP Config window.
- To save changes made to the camera's setting, enter the username and password of the camera's admin account and click 'Apply'.

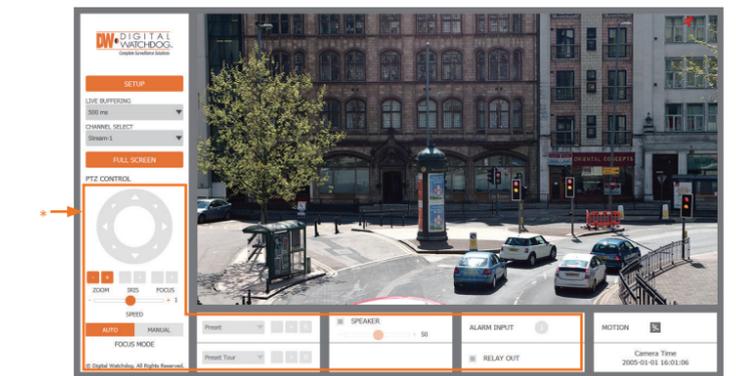
- Select DHCP to allow the camera to receive its IP address automatically from the DHCP server.
- Select "Static" to manually enter the camera's IP address, (Sub)Netmask, Gateway and DNS information.
- The camera's IP must be set to static if connecting to Spectrum® IPVMS. Contact your network administrator for more information.

Default TCP/IP information: DHCP.

Port forwarding must be set in your network's router to access the camera from an external network.



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:

- Find the camera using the DW® IP Finder™.
- Double-click on the camera's view in the results table.
- Press the 'View Camera Website'. The camera's web viewer will open up in your default web browser.
- 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 the video from the camera. A message will direct you to setup a new password for the camera to view video.



- When accessing the camera for the first time, install the VLC player for web files 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.