



MEGAPIX® IVA+™ models	5MP models
DWC-MPB45Wi650T	DWC-MB45Wi650T
DWC-MPB45WiAT	DWC-MB45WiAT



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

Quick Setup and Download Guide		1 set	Screws and Plastic Anchors - 4pcs		1 set
Mounting Template		1	Star Wrench		1
Test Video Cable		1	Waterproof Cap and Gasket		1 set
DC Plug Cable (DWC-MPB45WiAT and DWC-MB45WiAT)		1			

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 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:
9:00 AM – 8:00 PM EST, Monday through Friday

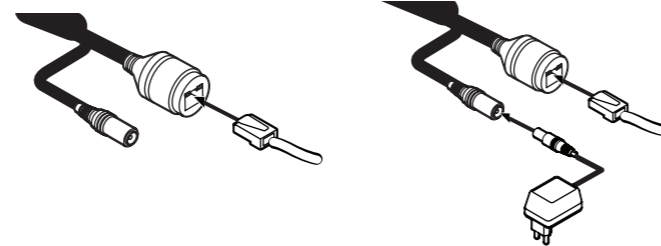
STEP 1 - PREPARING TO MOUNT THE CAMERA

- The mounting surface must bear five times the weight of your camera.
- 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.
- 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.
- 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, 0.75A min.
- 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.
- 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.
- 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 and make all the necessary connections. See STEP 4.

- NETWORK CONNECTIONS** - Using a PoE Switch or PoE Injector, connect the camera using an Ethernet cable for both data and power.
- NETWORK CONNECTIONS** - Not using PoE Switch or PoE Injector, 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.	DC12V Max 9W PoE Max 10.5W

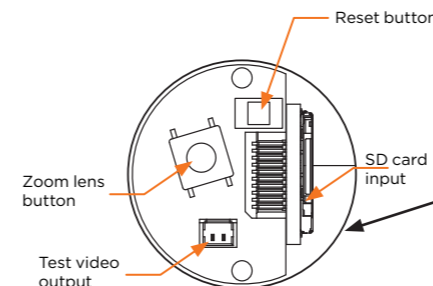
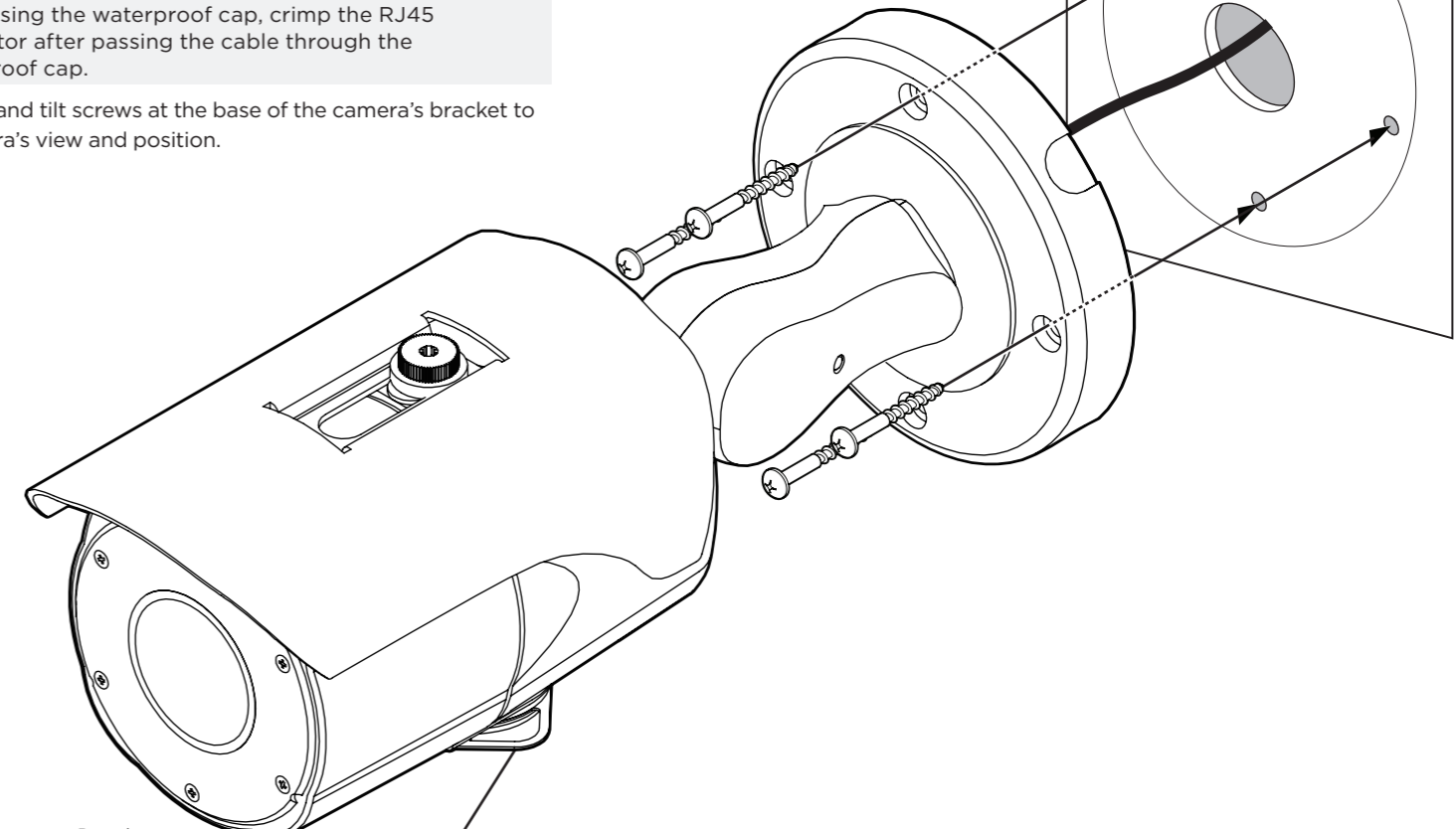
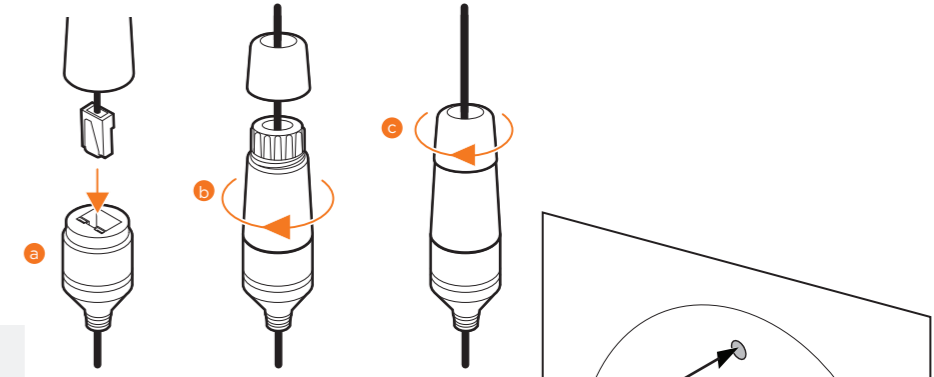
STEP 3 - INSTALLING THE CAMERA

- Once all cables are connected, secure the camera to the mounting surface using the included screws.
- To use the camera's waterproof wiring:
 - Install the LAN cable into **a**.
 - b** will be assembled to **a** with a 1/4 turn.
 - 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.

NOTE: When using the waterproof cap, crimp the RJ45 connector after passing the cable through the waterproof cap.

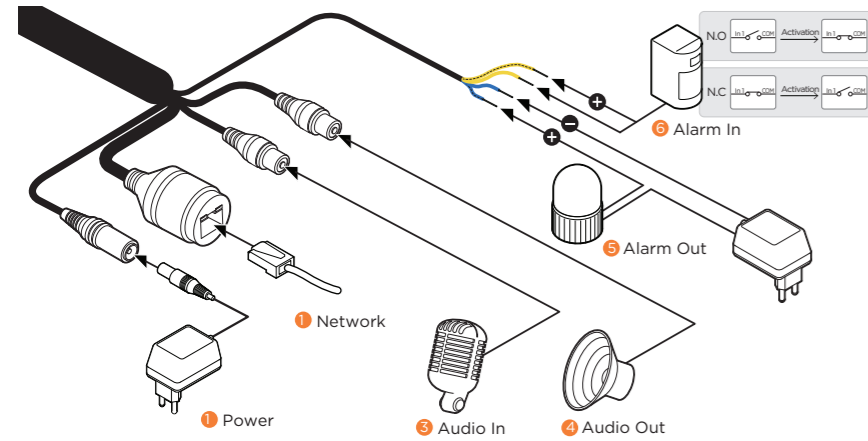
- Loosen the pan and tilt screws at the base of the camera's bracket to adjust the camera's view and position.



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 4 – CABLING

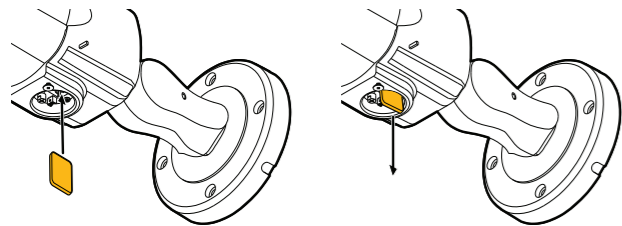
Use the diagram below to properly connect power, network, audio, alarm and sensors to the camera.



DI : Yellow + Dot
 DI COM : Yellow
 DOI(N.O.) : Blue + Dot
 DO1 COM : Blue

STEP 5 – MANAGING THE SD CARD

- To install the camera's SD Card, locate the SD card slot in the bottom of the camera by unscrewing the con cap.
- 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 than 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.

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

Name	IP Address	Model	MAC Address	Netmask	Gateway	Port	DHCP	Version	Ping Test	IP Conf.	Uptime
DWC-MP-Z30X	192.168.50.34	DWC-MP-Z30X	00:07:0A:19:10:1A	255.255.255.0	192.168.150.1	80	Disabled	1.9.94-X2_release	Ping	Click	
DWC-MV-4WA	192.168.50.40	DWC-MV-4WA	00:0D:F3:21:53:8F	255.255.255.0	192.168.150.1	80	Disabled	A2.01.02_20180619	Ping	Click	28day 14hrs
DWC-PZ-1M69T	192.168.50.41	DWC-PZ-1M69T	00:0D:F3:21:29:21	255.255.255.0	192.168.150.1	80	Disabled	A5.01.03_20180403	Ping	Click	39day 15hrs 54mins
DWC-PV-16W4	192.168.50.42	DWC-PV-16W4	00:0D:F3:21:5C:AD	255.255.255.0	192.168.150.1	80	Disabled	A3.01.01_20180309	Ping	Click	56day 16hrs
DWC-PF-1T1R	192.168.150.61	DWC-PF-1T1R	00:0A:61:1A:00:14	255.255.255.0	192.168.150.1	80	Disabled		Ping	Click	--
DWC-PV-9M2TR	192.168.150.62	DWC-PV-9M2TR	00:0A:61:1A:26:E7	255.255.255.0	192.168.150.1	80	Disabled		Ping	Click	--
DWC-MF4W4	192.168.150.63	DWC-MF4W4	00:0D:F3:20:F8:60	255.255.255.0	192.168.150.1	80	Disabled	A2.01.02_20180619	Ping	Click	28day 14hrs

Network Setup

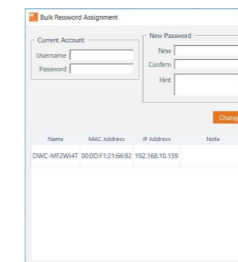
- To install the DW IP Finder, go to <http://www.digital-watchdog.com>
- Enter "DW IP Finder" on the search box at the top of the page.
- Go to the "Software" tab on the DW IP Finder page to download the installation file.
- Follow the installation to install the DW IP Finder. Open the DW IP Finder and 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.

- 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.

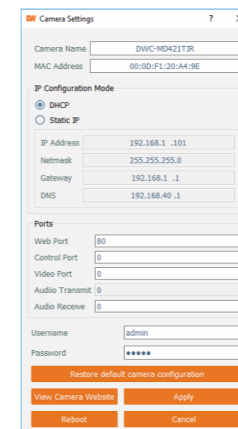
Default TCP/IP information: DHCP

- When connecting to the camera for the first time, a password must be set. To set up a password for your new camera:
 - Check the box next to your new camera from the IP Finder's search results. You can select multiple cameras.
 - Click "Bulk Password Assign" on the left.

- In the pop-up window, enter admin/admin in the current username and password fields. Enter a new username and password to the right.
- Press "change" to apply all changes.

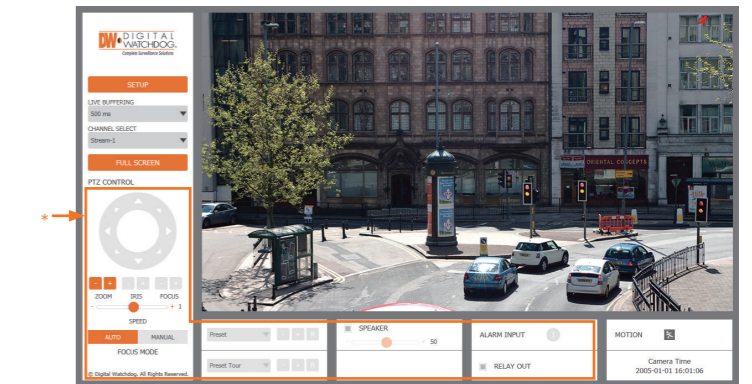


- Select a camera from the list by double-clicking on the camera's image or clicking on the 'Click' button under the IP Conf. column. The pop-up window will show the camera's current network settings, allowing admin users to adjust the settings as needed.
- To access the camera's web page, go to the IP Config page and click on the 'View Camera Website'.
- To save the changes made to the camera's setting, input the username and password of the camera and click Apply.



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

STEP 6 – WEB VIEWER



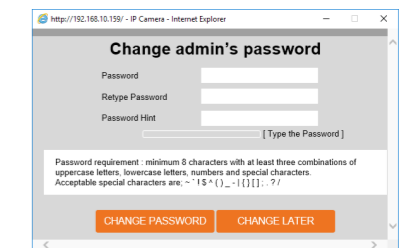
The GUI display may differ by camera models.

NOTE: Chrome browser is recommended for IVA configuration.

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 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: 32bit version of the VLC player must be installed. If you are using a 64bit system, uninstall the previous 64bit version and reinstall using the 32bit version.

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