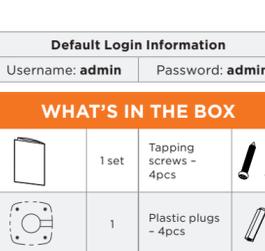


MEGAPIX®

IP Cameras

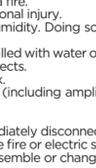
DWC-MB95WI28TW
DWC-MB95WI36TW

Default Login Information

 Username: **admin** Password: **admin**
WHAT'S IN THE BOX

Quick setup and installation guides		1 set	Tapping screws - 4pcs		1 set
Mounting template		1	Plastic plugs - 4pcs		1 set
Waterproof cap		1 set	Machine screw - 1pc		1
Rubber plug		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 the initial set-up. It is recommended that the user read the entire instruction manual for complete and proper installation and usage.

SAFETY AND WARNING INFORMATION

Read through this Installation Guide carefully before installing the product. Keep the Installation Guide for future reference. See the user manual for more information on the proper installation, use and care of the product. These instructions are intended to ensure that users can use the product correctly to avoid danger or property loss. Warnings: Serious injury or death may occur if any of the warnings are neglected.

CAUTIONS: Injury or equipment damage may occur if any of the cautions are neglected.

WARNING

- In the use of the product, you must be strict compliance with the electrical safety regulations of the nation and region. When the product is mounted on a wall or ceiling, the device shall be firmly fixed.
- Be sure to use only the standard adapter specified in the specification sheet. Using any other adapter could cause fire, electrical shock, or damage to the product.
- Make sure the power supply voltage is correct before using the camera.
- Incorrectly connecting the power supply or replacing the battery may cause an explosion, fire, electric shock, or damage to the product.
- Do not connect multiple cameras to a single adapter. Exceeding the capacity may cause excessive heat generation or fire.
- Securely plug the power cord into the power source. An insecure connection may cause a fire.
- When installing the camera, fasten it securely and firmly. A falling camera may cause personal injury.
- Do not install in a location subject to elevated temperature, low temperature, or high humidity. Doing so may cause fire or electric shock.
- Do not place conductive objects (e.g. screwdrivers, coins, metal items, etc.) or containers filled with water on top of the camera. Doing so may cause personal injury due to fire, electric shock, or falling objects.
- Do not install in humid, dusty, or sooty locations. Doing so may cause fire or electric shock.
- Do not install near any heat sources such as radiators, heat registers, or other products (including amplifiers) that produce heat.
- Keep out of direct sunlight and heat radiation sources. It may cause a fire.
- If any unusual smells or smoke come from the unit, stop using the product at once. Immediately disconnect the power source and contact the service center. Continued use in such a condition may cause fire or electric shock.
- If this product does not operate normally, contact the nearest service center. Never disassemble or change this product in any way.
- When cleaning the product, do not spray water directly onto parts of the product. Doing so may cause fire or electric shock.

CAUTION

- Use proper safety gear when installing and wiring the product.
- Do not drop objects on the product or apply strong shock to it. Keep away from a location subject to excessive vibration or magnetic interference.
- Do not use this product near water.
- The product shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the product.
- Avoid aiming the camera directly towards extremely bright objects such as the sun, as this may damage the image sensor.
- The Main plug is used as a disconnect device and shall stay readily operable at any time.
- Remove the power adapter from the outlet when there is lightning. Neglecting to do so may cause fire or damage to the product.
- Do not block any ventilation openings. Install following the manufacturer's instructions.
- A polarized or grounding-type plug is recommended for this product. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. If the provided plug does not fit into your outlet, consult an electrician for replacement.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the product.
- If any laser equipment is used near the product, make sure the surface of the sensor is not exposed to the laser beam as that may damage the sensor module.
- If you want to move the already installed product, be sure to turn off the power and then move or reinstall it.
- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.
- If cleaning is necessary, please use a clean cloth to wipe it gently. If the device will not be used for a long time, please cover the lens cap to protect the device from dirt.
- Always use hardware (e.g. screws, anchors, bolts, locking nuts, etc.) compatible with the mounting surface and of sufficient length and construction to ensure a secure mount.
- Use only with cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the product.
- Unplug this product when a cart is used. Use caution when moving the cart/product combination to avoid injury from tip-over.
- Refer all servicing to qualified service personnel. Servicing is needed when the product has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the product, the product has been exposed to rain or moisture, does not operate normally, or has been dropped.

STEP 1 - PREPARING TO MOUNT THE CAMERA

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

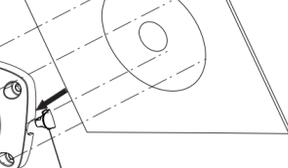
Pass the wires through and make all necessary connections.

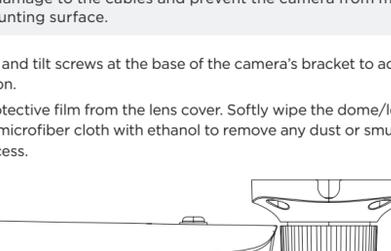
- When using a PoE Switch or PoE Injector, connect the camera using an Ethernet cable for both data and power.
- When using a non-PoE Switch, connect the camera to the switch using an Ethernet cable for data transmission and use a power adapter to power the camera.

Power requirements	Power consumption
DC12V, PoE (IEEE 802.3af class 3). Adapter not included.	<9W

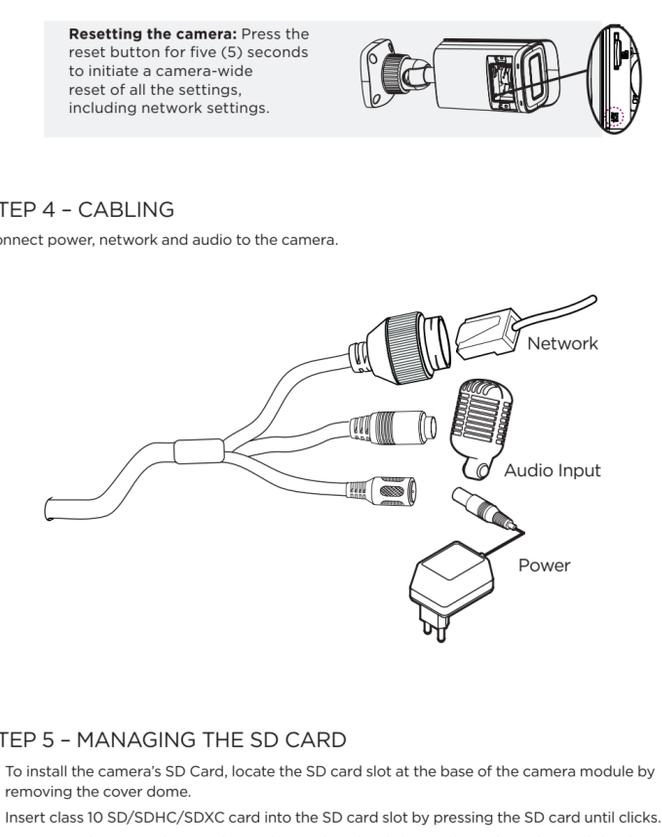
- The waterproof cap set comes with two rubber rings. Use the rubber ring best suited for your network cable's diameter.

- 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 affix to **b** with a ¼ turn counter-clockwise.
- Thread and twist **d** tightly to **c**.

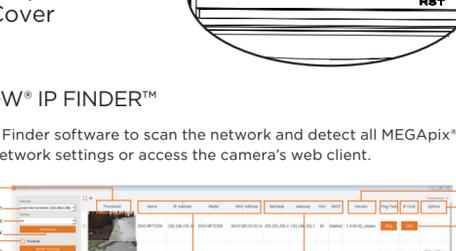

NOTE: To ensure moisture seal, make sure the o-ring is in place between **a** and **b**. In extreme environments use of an outdoor rated sealer is recommended.

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.

STEP 3 - INSTALLING THE CAMERA

- Mount the camera to the mounting surface and secure using the screws and anchors included.


NOTE: Based on the installation environment, remove the rubber plug on the side of the camera's bracket and use the gap as a cable guide to prevent cables from getting caught between the camera and the mounting surface, which can cause damage to the cables and prevent the camera from mounting flush with the mounting surface.

- Loosen the pan and tilt angles at the base of the camera's bracket to adjust the camera's view and position.
- Remove the protective film from the lens cover. Softly wipe the dome/lens cover with lens tissue or a microfiber cloth with ethanol to remove any dust or smudges left from the installation process.

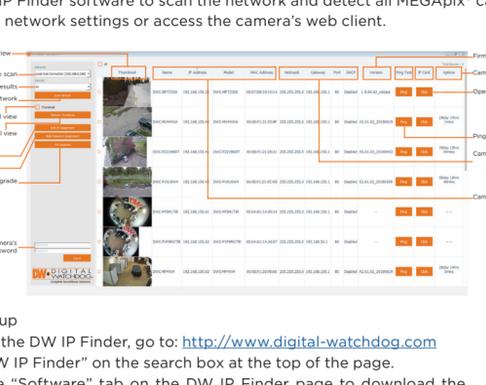

Resetting the camera: Press the reset button for five (5) seconds to initiate a camera-wide reset of all the settings, including network settings.

STEP 4 - CABLING

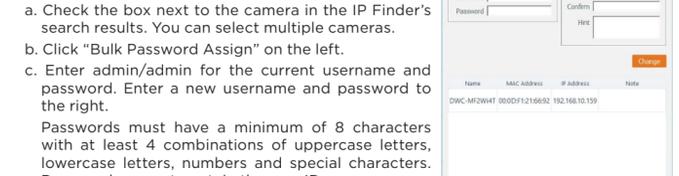
Connect power, network and audio to the camera.

STEP 5 - MANAGING THE SD CARD

- To install the camera's SD Card, locate the SD card slot at the base of the camera module by removing the cover dome.
- 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.

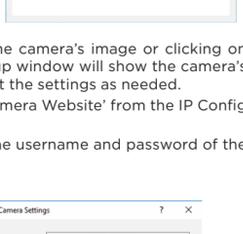

STEP 6 - DW® IP FINDER™

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" in 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 and follow the installation instructions.
- Open the DW IP Finder and click 'Scan Devices' to scan the selected network for all supported devices. Results are 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.

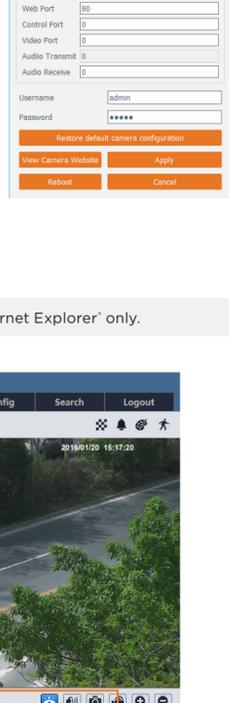
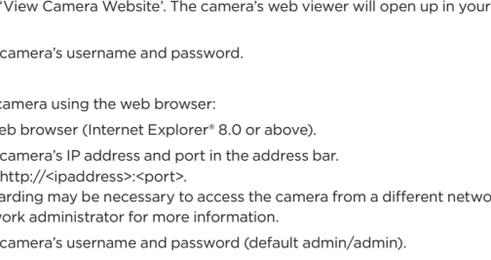
Passwords must have a minimum of 8 characters with at least 4 combinations of uppercase letters, lowercase letters, numbers and special characters. Passwords cannot contain the user ID.
 - Click "change" to apply all changes.


i Default TCP/IP information: DHCP.

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

i Select DHCP to allow the camera to receive its IP address automatically from the DHCP server.

i Select "Static" to manually enter the camera's IP address, (Sub)Netmask, Gateway and DNS information.

i The camera's IP must be set to static if connecting to Spectrum® IPVMS. Contact your network administrator for more information.

STEP 7 - WEB VIEWER
NOTE: This camera's web client is available via Internet Explorer® only.


The GUI display may differ by camera models.

- 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.

To open the camera using the web browser:

- Open a web browser (Internet Explorer® 8.0 or above).
- Enter the camera's IP address and port in the address bar. Example: `http://<ipaddress>:<port>`. Port forwarding may be necessary to access the camera from a different network. Contact your network administrator for more information.
- Enter the camera's username and password (default admin/admin).

If you are accessing the camera for the first time, install the ActiveX 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.