DW Quick Start Guide

MEGAPIXEL AI cloudcam

DWC-X58C08BIC*	4K bullet IP camera with AI, x1 storage size

IP67 IK08 UL IK08 LISTED

Default Login Information: admin | admin

When logging into the camera for the first time, you must set up a new password. Alternatively, you can be connected 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	Screws and Plastic Anchors - 4pcs	1 set
Mounting Template	1	Star Wrench (T10, T20)	1
Test Video Cable	1	Moisture Absorber and Guide (Recommended)	1 set
Waterproof Cap and Rubber Gasket (Black and 20 Gardens, White and 19 Gardens)	1 set		

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

1. Go to **https://www.digital-watchdog.com/support/**
2. Search your product by entering the part number in the **"Search by Product"** search box. Alternatively, your product will be populated automatically based on the part number you enter.
3. Click **"Search"**. All supported materials, including manuals and quick start guides (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

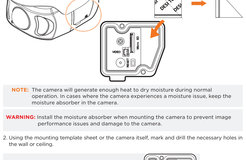
Read through this Installation Guide carefully before installing the product. Keep the Installation Guide for future reference. Follow all warnings and instructions marked on the product and in the Installation Guide and Manual. These instructions are intended to ensure that users can use the product 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
1. In the use of the product, you must be strict compliance with the electrical safety regulations of the nation and region. Please refer to technical specifications for detailed information. Do not disassemble or remove the cover of the device. Do not place any electrical equipment in the specified power shelf. Using any other adapter could cause fire, electrical shock, or damage to the product.
2. Do not connect multiple devices to one power adapter or connect to power in an improper way. Improper or incorrect power supply or replacing the battery may cause an explosion, fire, electric shock, or damage to the product.
3. Do not connect the power cameras to a single adapter. Exceeding the capacity may cause excessive heat generation or fire.
4. When installing the camera, fasten it securely and firmly. Improper installation may cause a fire.
5. When installing the camera, fasten it securely and firmly. A falling camera may cause personal injury.
6. Do not install in a location subject to elevated temperature, low temperature, or high humidity. Doing so may cause fire or electric shock.
7. Do not place conductive objects (e.g. screwdrivers, coins, metal items, etc.) or containers filled with water on top of the product. Doing so may cause personal injury due to fire, electric shock, or falling objects.
8. Do not install in humid, dusty, or smoky locations. Doing so may cause fire or electric shock.
9. Do not install near any heat sources such as radiators, heat registers, or other products (including amplifiers) that produce heat.
10. Keep out of direct sunlight and heat sources. Doing so may cause a fire.
11. If any unusual smells or smoke come from the unit, stop using the product at once. Immediately disconnect the power source and contact your service center. Continued use in these conditions 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.
12. When cleaning the product, do not spray water directly onto parts of the product. Doing so may cause fire or electric shock.

CAUTION
1. Use proper safety gear when installing and wiring the product.
2. 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.
3. Do not touch the sensor module.
4. 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.
5. Installation of the camera directly towards extremely bright objects such as the sun, as this may damage the image sensor.
6. The Main plug is used as a disconnect device and shall stay readily operable at any time.
7. Clean the camera lens regular from the outset when then there is lightning. Neglecting to do so may cause fire or damage to the product.
8. Do not block any ventilation openings. Install following the manufacturer's instructions.
9. Use only power supplies specified in the installation guide. Use of any other power supply 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.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the product.
11. Before connecting other components to the product, make sure the surface of the sensor is not exposed to the laser beam as this may damage the sensor module.
12. If you want to mount the product on the ceiling or wall, make sure that the installation surface is strong enough to withstand 5 times of the product weight or more. Otherwise, the product may fall down and cause injury and/or damage.
13. 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 dust.
14. Do not touch the camera's lens or sensor module with fingers. If cleaning is necessary, please use a clean cloth or lens cleaner. If the device will not be used for a long time, please cover the lens cap to protect the device from dust.
15. Use only attachments/accessories specified by the manufacturer.
16. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions. Use only the product/mount combination to avoid injury from tipping.
17. 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

1. Install the Moisture Absorber Pack (moisture absorber)
   - Remove the Moisture Absorber Pack from its shipping packaging. Fold the moisture absorber pack diagonally along the dotted line in the diagram below.
   - Open the camera's control panel on the side of the camera.
   - Remove the Moisture Absorber Pack used for shipping and place the new Moisture Absorber Pack in the location shown in the illustration below.
   - Close the camera control panel tightly.



NOTE: The camera will generate enough heat to dry moisture during normal operation. In cases where the camera experiences a moisture issue, keep the moisture absorber in the camera.

WARNING: Install the moisture absorber when mounting the camera to prevent image performance issues and damage to the camera.

2. Using the mounting template sheet or the camera itself, mark and drill the necessary holes in the wall or ceiling.

Resetting the camera: Use the tip of a paper clip or a pencil and press the reset button for five (5) seconds to initiate a camera-wide reset of all the settings, including network settings.

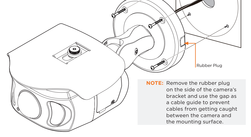
STEP 2 – POWERING THE CAMERA

Pass the wires through and make all necessary connections.

Use a PoE Injector (required. Sold separately) to connect data and power to the camera using a single Ethernet cable.

OR

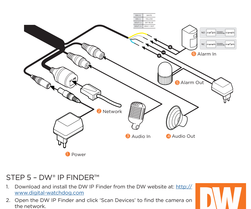
Use non-PoE Switch to connect data using and Ethernet cable and use a power adapter to power the camera.



Power information	
Power requirements	DC12V, PoE (IEEE 802.3af class 3). Adapter not included.
Power consumption	PoE: max 21.9W, 1.83A, PoE: max 9.2W, 200mA
Maximum distance	328' (100m)
Connector	RJ45

WATERPROOF CAP INSTALLATION

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



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.

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

STEP 3 – INSTALLING THE CAMERA

1. Secure the camera to the mounting surface using the included screws.
2. Loosen the pan and tilt screw on the camera's bracket to adjust the camera's view and position.

3. Remove the protective film from the lens cover. Softly wipe the lens cover with lens tissue or a microfiber cloth with ethanol to remove any dust or smudges left from the installation process.

NOTE: 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.

STEP 4 – CABLING

Use the diagram below to connect power, network and external devices such as audio input and output, alarm and sensors to the camera.

STEP 5 – DW® IP FINDER™

1. Download and install the DW IP Finder from the DW website at: http://www.digital-watchdog.com
2. Open the DW IP Finder and click 'Scan Devices' to find the camera on the network.
3. A password must be set when connecting to the camera for the first time.
   a. Check the box next to the camera.
   b. Click "Bulk Password Assign" on the left.
   c. Enter admin/admin for the current username and password. Enter a new username and password to the right.
   Password must have at least eight (8) characters and at least four (4) combinations of uppercase and lowercase letters, numbers and special characters. Passwords cannot contain the user ID.
   d. Click "change" to apply all changes.

STEP 6 – WEB VIEWER

The GUI display may differ by camera models.

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'.
4. Enter the camera's username and password you set up in the DW IP Finder.
   If you did not set up a new username and password, a message will direct you to set up a new password for the camera to view the video.

STEP 7 – SET UP DW SPECTRUM CLOUDCAM

To complete the DW Spectrum CloudCam server's set up and start recording, see the DW Spectrum CloudCam QSG for additional information.

NOTE: Please see the full product manual for web viewer setup, functions and camera settings options.

NOTE: This product is covered by one or more claims of the HEVC Patents listed at patentlist.accessadvance.com.

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Technical Support Hours: 9:00AM – 8:00PM EST, Monday through Friday
digital-watchdog.com

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