MEGAPIXEL AI cloudcam

DWC-XSTD5MFCx | 5MP turret IP camera with AI, +/- storage size

IP67 Rated IK10 Rated

Default Login Information: admin | admin

When logging into the camera for the first time, you must 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 Downloads Guide	Screws and Anchors (Qty. 2 Anchors + 2pcs		1 set
Mounting Template	Star Wrench Tool		1
Hexagonal wrench 2.5	Moisture Absorber (Disconnected)		2 sets
Waterproof Cap for Ethernet Port. Keep Blocks and 31 cpieces Spare Gaskets (attached)		1 set	

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

1. Go to **http://www.digital-watchdog.com/cloudcam**
2. Search your product by entering the part number in the **'Search by Product'** search box. Your product's support materials and downloads will be automatically listed on the part number you entered.
3. Click **'Search'**. All supported materials, including manuals and quick start guide (QSG) 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 installation manual for complete and proper installation instructions.

SAFETY AND WARNING INFORMATION

Read through this Installation Guide carefully before installing the product. Keep the Installation Guide for future reference. Take the user manual for more information on the proper installation, use and care of the product. Improper installation or handling may cause damage to the product, injury to yourself or others, 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 check whether the power supply is in the rated voltage range.
2. Be sure to use only the standard adapter specified in the specification sheet. Using any other adapter could cause fire, electrical shock or other types of hazards.
3. Make sure the power supply voltage is correct before using the camera.
4. Do not overload power outlets and extension cords as this can result in a fire or electrical shock.
5. Do not connect multiple cameras to a single adapter. Exceeding the capacity may cause excessive heat and lead to a fire hazard.
6. Securely plug the power cord into the power socket. Insecure connection may cause a fire.
7. Do not touch the power cord or connector with wet hands. Do disconnect the power cord before cleaning.
8. Do not install in a location subject to elevated temperature, low temperature, or high humidity. Doing so may cause fire or electric shock.
9. Do not place conductive objects (e.g. screwdrivers, coins, metal items, etc.) or containers filled with water near the unit. Doing so may cause personal injury due to fire, electric shock, or falling objects.
10. Do not place multiple cameras in a single area. Operating multiple cameras in a single area may cause injury.
11. Do not install over any heat sources such as radiators, heat registers, or other products (including amplifiers) that produce heat.
12. Keep out of direct sunlight and heat radiation sources. It may cause a fire.
13. Do not disassemble the product. Do not touch the internal parts of the product at once. Immediately disconnect the power source and contact the service center. Continued use in such a condition may cause fire or electrical shock. Do not touch the lens with bare hands. Contact the service center. Never disassemble or change the product in any way.
14. Do not place the product, such as a camera, directly onto parts of the product. Doing so may cause fire or electric shock.

CAUTION

1. Be careful when you open when installing and wiring the product.
2. Do not drop or allow the product to suffer any strong shock to it. Keep away from a location subject to excessive shaking or magnetism.
3. Do not use this product near water.
4. Do not place the product in unstable or shipping or splashing and no objects filled with liquids, such as vases, shall be placed on the unit.
5. Avoid aiming 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. Do not touch the sensor module with your fingers. If fingerprints on the sensor module, this may cause loss of image due to the product.
8. Do not block the ventilation openings. Install following the manufacturer's instructions.
9. A solvent or pen marking may be recommended for the product. A solvent-based cleaner 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 to replace the outlet.
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. If any laser equipment is used near the product, make sure the surface of the sensor is not exposed to the laser beam, as it may damage the image sensor.
12. If you want to move the already installed product, be sure to turn off the power and then move or reinstall it.
13. Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.
14. Use only the mounting accessories recommended by the manufacturer or sold with the product. Doing so may cause injury to persons or damage to property.
15. Do not touch the camera's lens or sensor module with fingers. If cleaning is necessary, please use a clean cloth or blower. Do not use any chemicals or cleaners on the lens. Doing so may cause the lens coat to protrect the sensor module.
16. Use only with the mounting accessories specified by the manufacturer.
17. Always use hardware (e.g. screws, anchors, bolts, locking nuts, etc.) compatible with the mounting surface and structure and tighten firmly to avoid product falling.
18. Use only with carts and stands that are recommended by the manufacturer, or sold with the product. Use caution when moving the cart/product combination to avoid injury from tipping over.
19. 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 Pack (moisture absorber):
   - Remove the Moisture Pack from its shipping packaging. Fold the moisture absorber pack diagonally along the dotted line, as shown in the diagram below.
   - Open the camera's control panel on the side of the camera using the star wrench included with the camera.
   - Place the Moisture Pack used for shipping and place the new moisture Pack in the location shown in the illustration below.
   - Close the camera control panel tightly. When closing the control panel, ensure no cables are caught or disconnected.

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 with the camera.

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

2. Mark and drill the necessary holes in the wall or ceiling using the mounting template sheet or the camera itself.

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

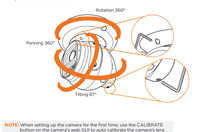
Power Information	
Power requirements	DC12V, PoE IEEE 802.3at Class4 (Adaptor not included)
Power consumption	12V DC: 12W, VA: 14w(), 15.8W, 330mA
Maximum distance	328' (100m)
Connector	RJ45

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 diameters from 5.5-6mm thickness should use the black rubber ring. Cables over ø5.5mm in thickness should use the white rubber ring.

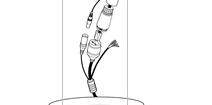
NOTE: To ensure moisture seal, make sure the o-ring ⓑ is in place between ⓐ and ⓒ. In extreme environments use of an outdoor rated sealer is recommended.



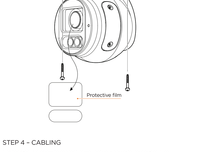
STEP 3 – INSTALLING THE CAMERA

1. Secure the camera to the mounting surface using the included screws.

NOTE: Remove the rubber plug on the side of the camera's base and use the gap as a cable guide to prevent cables from getting caught between the camera and the mounting surface.

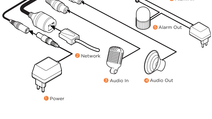


2. Loosen the pan and tilt screw on the camera's neck using the hexagonal wrench to adjust the camera's view and position. Loosen the rotation screw at the base of the camera to adjust the camera's rotation.



NOTE: When setting up the camera for the first time, use the CALIBRATE button on the camera's web GUI to auto calibrate the camera's lens before operation.

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.



STEP 4 – CABLING

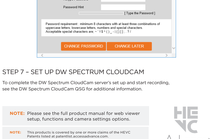
Use the diagram below to connect power, network and external devices such as audio input and output, alarm and sensors to the camera.

ORN(X)	WHITE
ORN (T)	YELLOW
DGN(T)	SKY BLUE
DGN(T-X)	GRAY + DOT

STEP 5 - DW® IP FINDER™

1. Download and install the DW IP Finder from the DW website at: https://support.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.
   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 word admin.
   d. Click "change" to apply all changes.

STEP 6 – WEB VIEWER



The DW Desktop Key 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 setup in the DW IP Finder.
   If you did not setup a new username and password, a message will direct you to setup a new password for the camera to view the video.

STEP 7 – SET UP DW SPECTRUM CLOUDCAM

To complete the DW Spectrum CloudCam setup and to 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 advanced configuration options.

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

Tel: +1 (866) 446-3595 / (813) 888-9555

Technical Support Hours: 8:00AM - 8:00PM EST, Monday through Friday

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Specifications and pricing are subject to change without notice.