MEGAPIX AI cloudcam

DWC-XPX42TAWX

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 Network IT-201	1	RJ45 Waterproof Cover	1
Tool Pointer Cable	1	Insulation Resistance and Installation Guide (Recommended)	1
Screws and Plastic Anchors	3 set	Grommet	1
Quick Setup and Download Guide	1	Mounting Template	1
Mounting Bolts & Screws	3 set		

NOTE: Download all your supplied manuals and tools in one place.
1. Go to **http://www.digital-watchdog.com/resources**
2. Enter the model number into the search field and click **"Search by Product"** search.
3. Download the applicable part numbers with purpose and compatibility based on the recommendations.
4. Click **"Install"**. All supported materials, including manuals, are downloaded and updates will appear in the queue.

Attention: This document is intended to serve as a quick reference for the initial set up. It is recommended that installers review the installation instructions and configuration guides for additional information.

SAFETY AND WARNING INFORMATION

Read through the installation guide and its safety notes before installing the product. Keep the Installation Guide for future reference. Observe all warnings on the product and in the installation guide. Follow all instructions for the product. These initial precautions are intended to ensure that users can use the product correctly to avoid danger or property loss. Observe the following rules for safety and use of the product to avoid danger or property loss.

Failure to follow or implement warnings may cause a fire or life-threatening injuries.

1. In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region. In lightning weather conditions, please use the product to the specified grounding.
2. Use the power supply that meets the requirements of the specification sheet. Using any other adapter could cause fire or electrical shock. Do not use the power cord for other purposes.
3. Make sure the power supply voltage is correct before using the camera.
4. Do not touch bare wires inside the power supply as high voltage can cause an explosion, fire, electric shock, or electrocution.
5. Do not place the product in a place subject to direct sunlight or heating devices, as heat may cause excessive heat generation in the product.
6. Securely plug the power cord into the power source. An improper connection may cause a fire.
7. Do not place the product in a place subject to excessive vibration or magnetic interference. Do not place the product in a place with excessive humidity, excessive dust, or excessive smoke. Do not place the product in a place with high humidity. Doing so may cause a fire or electrical shock.
8. Do not place conductive objects (e.g. screwdrivers, coins, metal items, etc.) or containers filled with water or liquids near the product. Doing so may cause fire, electric shock, or injury due to falling.
9. Do not expose the product to corrosive gas or liquids. Doing so may cause fire or electric shock.
10. Do not place the product in a place where it can be subject to high-voltage electrical fields. Do not place the product near high-power electrical devices such as electric welders or electric motors. Doing so may cause the product malfunction.
11. Do not point the camera at the sunlight and heat radiation sources. It may cause a fire.
12. If the product does not operate normally, contact the dealer or the nearest service center. Never disassemble or change the product. To prevent electric shock and fire, do not remove screws or open the product case. Do not attempt to modify the product. In the event of a fire, use a fire extinguisher or sand to put out the fire.

CAUTION

1. Do not place cables near when installing and wiring the product.
2. Install the product according to the installation guide. Failure to keep away from a location subject to excessive vibration or magnetic interference may cause a fire.
3. 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.
4. Avoid aiming the camera directly towards extremely bright objects such as the sun, as this may damage the image sensor.
5. The Plug-in used in a disconnect device and shall also readily operable at any time.
6. Do not place the product in a place where it can be subject to direct sunlight or heating devices such as stoves. Doing so may cause a fire or damage to the product.
7. Do not place any ventilation openings inside following the manufacturer's instructions.
8. A polarized or grounding-type plug is recommended for the 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. The wide blade or third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement.
9. Do not place the product in a place where it can be subject to excessive shock or drop, condensation, excessive dust, and the point where fog and rain the product.
10. If the product is installed in a hazardous product, ensure the service surface is not exposed to the laser beam, as this may cause a fire or injury.
11. Do not touch the image sensor (CMOS), otherwise it can be burn of the power and there now a remedy. Use a proper configuration of accessories and other security settings is the responsibility of the installer and/or end user.
12. Do not place the product in a place where it can be subject to high-voltage electrical fields. Do not place the product near high-power electrical devices such as electric welders or electric motors. Doing so may cause the product malfunction.
13. Do not point the camera at the sunlight and heat radiation sources. It may cause a fire.
14. Use a PoE Switch or PoE Injector to connect data and power to the camera. Use of any non-compliant devices or improper connections may cause fire or electrical shock. Do not connect multiple cameras to a single PoE Injector or PoE Switch port unless a PoE Splitter is used. Failure to follow this may cause fire or damage to the product.
15. If the product does not operate normally, contact the nearest service center. Never disassemble or change the product. To prevent electric shock and fire, do not remove screws or open the product case. Do not attempt to modify the product. In the event of a fire, use a fire extinguisher or sand to put out the fire.

WARNING: This moisture absorber prevents moisture buildup inside the camera, which may cause image performance issues and the camera to fog up.

3. Using the provided mounting bracket or mounting template, mark and drill the necessary holes in the mounting surface.

STEP 2 – POWERING THE CAMERA

Pick one method through and make the connections.

Use a PoE Switch or PoE Injector 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 a power adapter to power the camera.

Power requirements	12V DC, PoE IEEE 802.3af (Adapter not included)
Power consumption	12V DC 10.2W, 850mA, PoE: 5.9W, 239mA
Operation distance	328' (100m)
Connector	RJ45

STEP 3 - INSTALLING THE CAMERA

4. Attach the camera to the mounting surface using the included anchors and screws.

5. To mount the camera using the mounting bolt and screws:
   a. Secure the mounting screw into the mounting surface.
   b. Use the mounting nuts to secure the camera to the mounting surface

6. Adjust the camera's pan by rotating the base of the camera module.

7. Assemble the dome cover over the camera body. Align the dome and bottom case to match the case outline.

NOTE: Be careful not to alter the direction of the camera module.

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

STEP 4 – CABLING AND EXTERNAL DEVICES

1. **Network cable** - To connect an RJ45 cable to the camera

Option A (Recommended):

a. Remove the grommet plug
b. Pass the network cable through the grommet at the base of the camera.
c. Once the cable is through, add the RJ45 connector.

Option B:

a. Attach the included RJ45 installation tool to the network cable.
b. Remove the grommet plug.
c. Pass the network cable through the grommet. Pay attention to the direction of the installation tool.
d. Once the cable's connector is through, remove the installation tool.

Once the network cable is passed through the grommet:

a. Insert the grommet into the bottom of the camera base.

NOTE: Bending the cable may cause water leakage.

d. Connect the RJ45 to the camera's network input in the camera.

2. **Power** - See STEP 2
3. **Sensor/Alarm Input (DI)** - Connect an alarm input device to + and - of the Terminal Block.
4. **Relay/Alarm Out (DO)** - Connect alarm lights or siren (normal open or normal close) to the + and - of the Terminal Block.
5. **Audio Input/Output** - Connect an amplifier or speaker to the audio output in the Terminal Block.

+	-	+	-	+	-	IN	COM	OUT
DC12V		DI		DO		AUDIO		

STEP 6 - DW IP FINDER

1. Download and install the DW IP Finder from the DW website.
2. Open the DW IP Finder and click 'Scan Devices' to find the camera on the network.
3. Double-click on the camera's IP address 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 for the camera.

   Password must have at least eight (8) characters and contain at least four (4) combinations of uppercase and lowercase letters, numbers and special characters (!@#$%^&*-_=+[{}]/?.).
   d. Click "change" to apply all changes.

STEP 7 - WEB VIEWER

* The GUI display may differ by camera model.

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" button.
4. Enter the camera's username and password you set up in the DW IP Finder. If any prompt for the camera's username and password, you will be prompted to set up a new password to view the camera.

STEP 8 - 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: Please visit the product page to download the latest firmware, tools or presentation accessories.com

Copyright © Digital Watchdog. All rights reserved.
Specifications and pricing are subject to change without notice.