



Quick Start Guide

1.3MP Network Door Counting Dome Camera

Ax47DC

SAFETY

When installing your Ax47DC camera be sure to avoid:

- excessive heat, such as direct sunlight or heating appliances
- contaminants such as dust and smoke
- strong magnetic fields
- sources of powerful electromagnetic radiation such as radios or TV transmitters
- moisture and humidity
- areas with mechanical vibrations
- fluorescent lamps or objects that reflect light
- unstable light sources as this may cause flickering
- temperatures below -10° Celsius or 14° Fahrenheit and above 50° Celsius or 122° Fahrenheit

POWER SUPPLY

Ensure the supplied voltage meets the power consumption requirements of this camera before powering the camera on. Incorrect voltage may cause irreparable damage to the video camera and will effectively void the camera warranty. PoE power is supported by this camera series. To mount the camera, do the following:

CLEANING

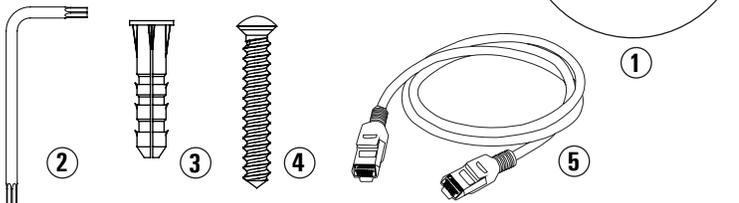
- For maximum optical clarity, the camera dome or lens must remain clean. Use a soft, dry cloth to remove finger prints or dust from the dome cover.
- Use a blower to remove dust from the lens.
- Clean the body with a soft, dry cloth. If it is very dirty, use a cloth dampened with a small quantity of neutral detergent, then wipe dry.
- Do not use volatile solvents such as alcohol, benzene, or thinners, as they may damage the surface finishes.

SERVICING

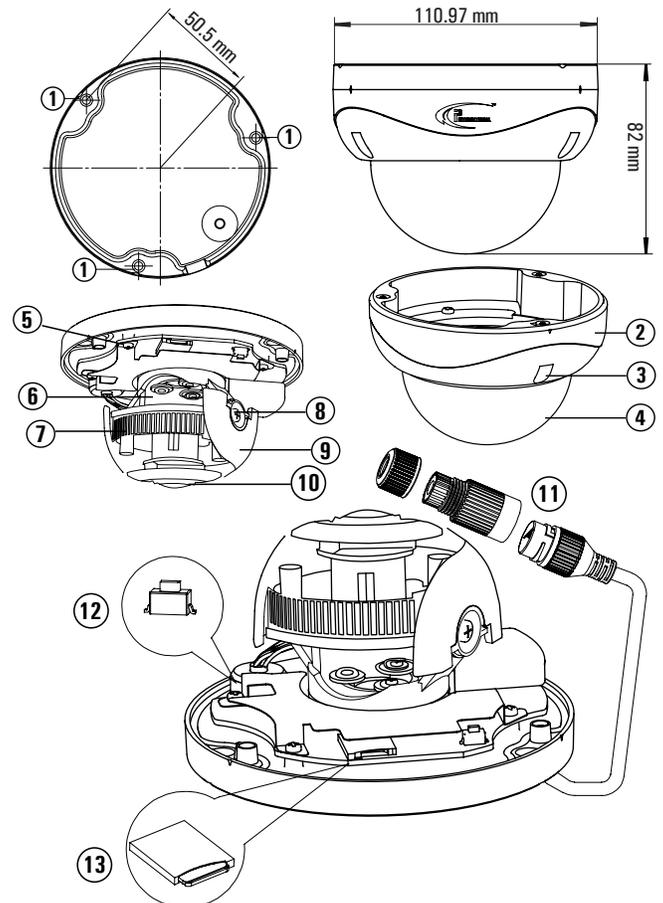
To avoid electrical shock and to preserve the product warranty, DO NOT disassemble the camera. Refer servicing to qualified personnel only.

PACKAGE CONTENTS

1. Mounting guide pattern sticker x1
2. Torx key x1
3. Plastic anchor x3
4. Round head screw (tapping type) x3
5. CAT5 camera cable x1



CAMERA PARTS AND DEFINITIONS



1. Mounting holes (x3)
2. Dome bubble housing / Dome cover
3. Screws securing the dome bubble housing to camera module (x3, silver)
4. Lexan bubble
5. Screws attaching camera module to the camera base (x4, black)
6. Lens base. Rotate to adjust lens angle.
7. Camera Lens Assembly. Pan to adjust lens angle.
8. Tilt bracket with two locking screws. Loosen the screws and tilt to adjust lens angle.
9. Inner Liner / Shroud. Attach the dessicant to the inside of the Inner Liner, without obstructing the lens movement.
10. Camera lens.
11. RJ45 Ethernet PoE Port with waterproof RJ45 connector assembly. Insert an Ethernet cable into the port for network connection as well as PoE (Power over Ethernet) capability. To maintain water-resistant rating in outdoor installations, make sure to use the included waterproof RJ45 Connector assembly.
12. Reset/Default button. Press for 1 second to reboot the camera. Press for 6 seconds to restore camera settings to factory defaults.
13. MicroSD Card slot for on-camera video storage. (MicroSD card sold separately).

Scan this QR code or visit www.i3international.com to view and download the full User Manual for this camera. Also available for download is the **AnnexusConfigurationTool** or ACT program used to locate and configure your cameras with your SRX-Pro software. This program is already installed in SRX-Pro v3.3.3.69 and higher. Please contact our Technical Support team if you have any questions or concerns regarding camera installation or you require software services or support. Technical support can be reached by email at: support@i3International.com or by phone toll free **1.877.877.7241**.



QR Code to Complete User Manual / ACT

QUICK START GUIDE

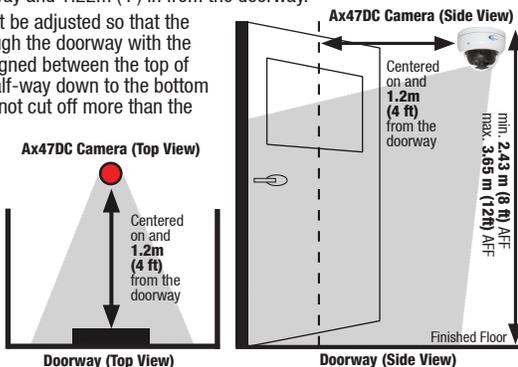
Ax47DC Door Counting Dome Camera

INSTALLATION

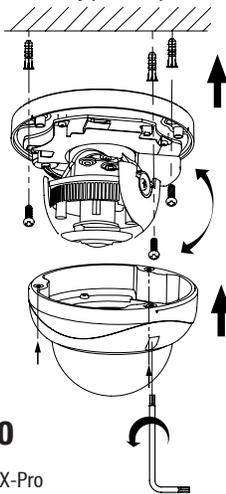
1. For accurate count, Ax47DC installation must comply with all requirements below:
a) Mounting height between 2.43m (8') and 3.65m (12') Above Finished Floor (AFF). Reliability decreases outside of this range.

b) Centered on doorway and 1.22m (4') in from the doorway.

c) Field of View must be adjusted so that the camera views through the doorway with the top of the image aligned between the top of the doorway and half-way down to the bottom of the doorway. Do not cut off more than the top half of the doorway. The width of the image should be about 2 to 2½ times the width of the doorway. Sharp focus is essential. Hanging signs, banners, balloons, etc., in the field of view will interfere with the counting results.



- Prepare the surface for mounting. Use supplied guide pattern sticker to drill screw holes on the mounting surface. Insert plastic anchors. If routing cables from the back of the camera, cut a cable hole in the surface. Alternatively, cables can be routed through the opening on the side of the camera's mounting base.
- Disassemble camera prior to mounting. Loosen three screws on the camera with the supplied Torx key to remove the Bubble Dome Cover.
- Attach the camera's mounting base to the surface with supplied screws.
- For best door counting accuracy set the camera's tilt position straight down. Adjust the camera's pan position to achieve required Field of View (see requirement 1c).
- Replace the Bubble Dome Cover and use the Torx key to re-tighten the screws.



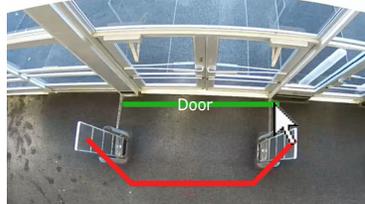
CONFIGURING DOOR COUNT IN SRX-PRO

Before configuring Door Count feature, connect Ax47DC to SRX-Pro by following instructions in the side panel on the right.

- In SRX-Pro Server, click the Setup button and go to the VisionCount tab.
- Select the Ax47DC camera in the Channel Selection menu.
- Select **DoorCount** in the Analytic Type menu.
- Check the **Enable** check box.
- Click the DoorCount drawing tool and position your cursor over the one end of the entrance door in the preview window.
- Left-click and drag the mouse cursor to draw the green line in front of the door entrance. Release the mouse cursor. A three-segment red door count line will be drawn on the preview window

Channel Selection	1. Channel 1
Analytic Type	DoorCount
	<input checked="" type="checkbox"/> Enable

Note: If the count line is up-side-down, click the Flip tool.

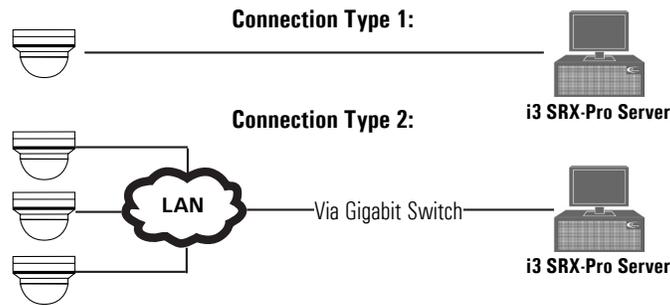


The DoorCount line consists of 3 line segments that act as a "funnel" for foot traffic entering the premises. Door Count camera installation must meet all requirements listed in the installation section. Use the sample pictures as a guide for the correct installation and the correct Door Count line drawing.

- Enter **Door Name** (optional) for your DoorCount line. If you have more than one Door Counting camera it may be useful to assign each with unique name for ease of identification.
- Select **In, Out** or **In & Out** in Display Live menu to display counting data for foot traffic entering, exiting or both.
- Configure **Active Time** (optional). You may use Active Time setting to count the customers entering during a specific shift only, for example. Otherwise use the default Active Time value to count all foot traffic.
- Click the **Save** button in the bottom right corner of the screen.

Door Name	NW Entrance
Display Live	In & Out
Active Time	00:00 ~ 00:00

CONNECT CAMERA TO i3 SRX-PRO SERVER



Camera's default IP address: **192.0.0.16**.
 Camera's default Subnet mask address: **255.255.255.0**.
 Login: **i3admin** / Password: **i3admin**

Change your Annexus camera's default IP Address:

- Close SRX-Pro Server software by pressing **Alt+Shift+Ctrl+F4**.
- Change the IP address of the onboard NIC (LAN) of your SRX-Pro Server (or of NIC1 if your SRX-Pro Server has two onboard NIC cards) to 192.0.0.XXX to match the default IP range of your Annexus IP camera.
- Connect your Annexus camera to i3 SRX-Pro Server (see diagram above).
- Restart SRX-Pro Server software. Log in and go to the **Setup -> IP Camera** tab.
- Click **ACT Config Tool** icon. If your NVR does not have Annexus Configuration Tool, download and install it from <http://i3international.com/software-downloads> website.
- In ANNEXUS Configuration Tool window, a list of active network cameras will be displayed. Select your desired camera in the list.
- Enter the new IP address and Subnet Mask of the camera in the Device(s) Communication Update area and click **Update**. The new camera IP address must match the *original* range of your SRX-Pro LAN or NIC1 card. E.g. if your original SRX-Pro Server's IP address was 192.138.10.122, change your Annexus camera's IP address to 192.138.10.XXX.
Remember: Annexus Cameras cannot share an IP address, each camera requires its own unique IP address.
- Wait a few moments for a "Success" message in the Result field.
- Repeat Steps 7-9 for all detected Annexus cameras in the ACT.
- Change the IP address of the NIC back to its original setting (reverse Step 2).

Ensure you can connect to your camera using its new IP Address:

- Open an Internet browser window and enter the new IP Address you have just assigned to your Annexus camera in Step 7.
- Enter the default camera User Name and default Password in the pop-up login window.
- Annexus camera interface will be displayed in the Internet Explorer window. You should be able to see the camera image on the screen. If you do not see the camera image on the screen, call i3 International technical support team for troubleshooting tips: 1.877.877.7241

Add your Annexus camera to IP Camera tab in SRX-Pro Server:

- Ensure that the latest version of GiPi updater is installed on your SRX-Pro Server. Latest GiPi available from <http://i3international.com/software-downloads>.
Note: SRX-Pro must be closed while GiPi updater is installed. After GiPi updater installation, start i3 SRX-Pro Server software again.
- Log In and go to the **Setup -> IP Camera** tab.
- Click the **Search & Add** button to display connected Annexus cameras.
- Select the detected camera in the list and click **Select**.
- In the **Select IP Camera** window, enter the default camera User Name and Password, then click **Add**. Selected camera will be added to the IP Camera list.
- Assign the IP camera to the SRX-Pro video channel in the **Ch In.** column.

Your Annexus camera is now connected to SRX-Pro Server and is ready to record. You may change resolution and frame rate for the Annexus camera in the IP Camera tab menu or you may choose to configure the camera's settings via Web Setup.

SAMPLE DOOR COUNT INSTALLATIONS

