Quick Start Guide

Network IR Door Counting Dome Camera   Ax46DC

SAFETY

When installing your Ax46/66 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
- **For more details on installation and operation, please refer to the CD provided.**

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:
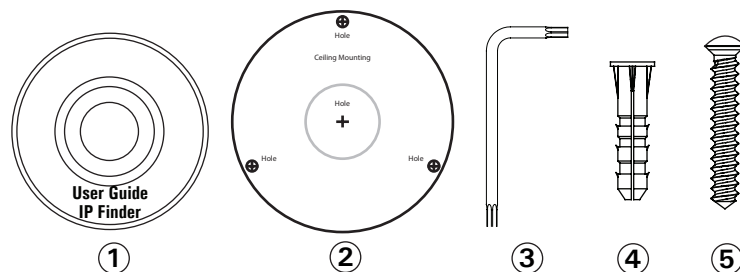
CLEANING

- 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.
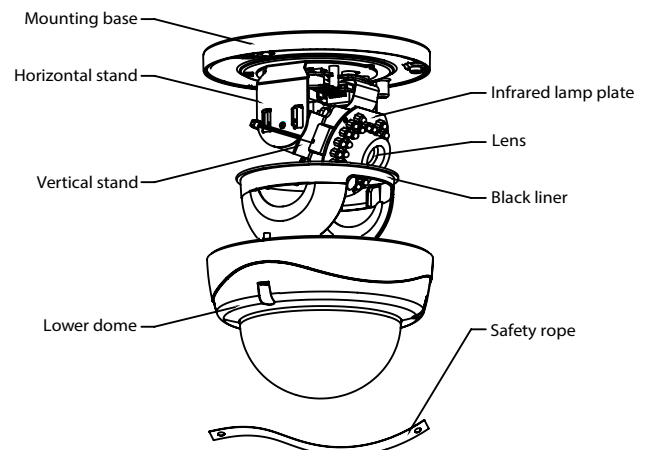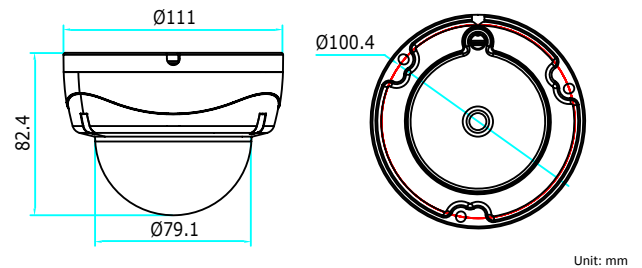
SERVICING

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

PACKAGE CONTENTS

1. User Manual CD x1
2. Guide Pattern sticker x1
3. Torx key x1
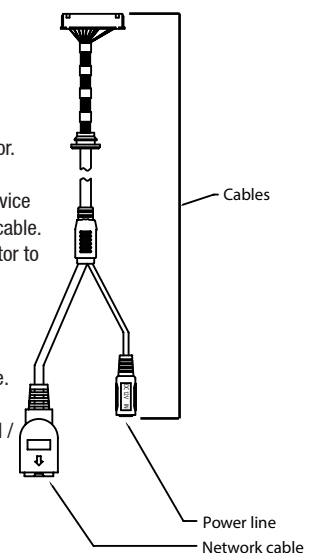4. Plastic Anchor x3
5. Round Head Screw (Tapping Type) x3

CAMERA PARTS AND DEFINITIONS

Ø111
Ø100.4
82.4
Ø79.1

Unit: mm

Mounting base
Horizontal stand
Vertical stand
Infrared lamp plate
Lens
Black liner
Lower dome
Safety rope

Hole
Ceiling Mounting
Hole
Hole
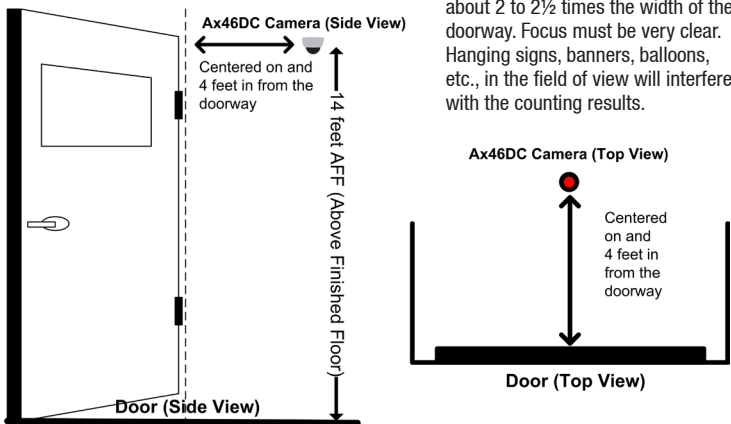Hole
User Guide
IP Finder

① ② ③ ④ ⑤

Connect the PoE or DC12V power connector.
PoE (IEEE 802.3af): Connect the RJ-45 connector to a PoE compatible network device that supplied power through the Ethernet cable. DC12V: Connect the DC12V power connector to a DC12V power source.

WARNING! DO NOT connect both PoE and DC12V power connectors at the same time. For DC power supply use, make sure the polarity is correct to avoid malfunction and / or camera damage.
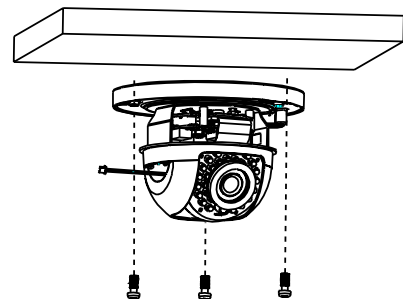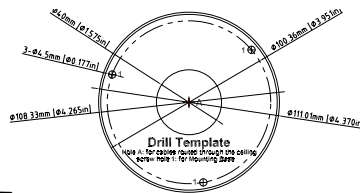
Cables
Power line
Network cable

INSTALLATION

1. To ensure accurate count, Door Counting camera installation must follow all installation requirements below:
   a. Mounting height 14' (4.27m) – above finished floor (AFF) (reliability decreases outside of the 14' height AFF)
   b. Centered on doorway Placement 4' (1.22m) in from doorway
   c. Field of View - the camera field of view must be adjusted so that it 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. To ensure accurate results, 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. Focus must be very clear. Hanging signs, banners, balloons, etc., in the field of view will interfere with the counting results.
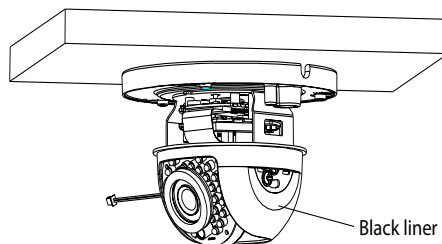
Ax46DC Camera (Side View)

Centered on and 4 feet in from the doorway

14 feet AFF (Above Finished Floor)

Door (Side View)

Ax46DC Camera (Top View)

Centered on and 4 feet in from the doorway

Door (Top View)

2. Prepare the surface for mounting. Drill screw holes on the surface with the supplied guide pattern sticker.. If you need to route cables from the bottom of the camera, cut a hole in the surface. Alternatively, if necessary, cables can be routed through the opening on the side of the camera's mounting base.
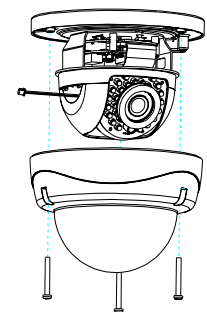
Drill Template
Hole A: for cables routed through the ceiling
screw hole 1: for Mounting base

3. Disassemble camera prior to mounting. Loosen the set screws on the camera with the supplied hex key to remove the lower dome.
4. Attach the camera to the surface. Fix the mounting base on the surface with the supplied screws.
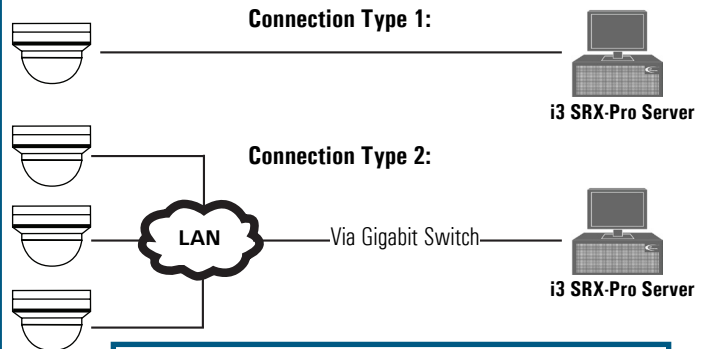
5. Adjust the camera's pan position to obtain an optimal viewing angle. Rotate the black liner to adjust the panning position within 360 degrees

Black liner

6. Reinstall the lower dome. Replace the lower dome onto the camera base and tighten the screws.

CONNECT CAMERA TO i3 SRX-PRO SERVER

Connection Type 1:

i3 SRX-Pro Server

Connection Type 2:

LAN — Via Gigabit Switch —

i3 SRX-Pro Server

Camera's default IP address is **192.0.0.16**.
Camera's default subnet mask address is : **255.255.255.0**.
FW. ver. 5.0.0 | Login / PW: **admin** / **1234**
FW. ver. 5.2.0, or higher | Login / PW: **i3admin** / **i3admin**

1. Close SRX-Pro Server software by pressing **Alt+Shift+Ctrl+F4**.
2. Change the IP address on the onboard NIC (LAN) (or on NIC1 if your SRX-Pro Server has two onboard NIC cards) of your SRX-Pro Server to 192.0.0.XXX to match the default IP range of your Annexxus IP camera.
3. Connect your camera to i3 SRX-Pro Server (see diagram above).
4. Turn on your Annexxus camera.
5. Launch the CD that came with your Annexxus camera and double-click "**AnnexxusFinder.exe**" file to install Annexxus Finder application. Annexxus Finder application discovers all Annexxus cameras connected to your network.
6. Follow the Annexxus Finder installation instructions until the application has been successfully installed on your SRX-Pro Server.
7. Double-click Annexxus Finder icon on the Desktop to launch the application. The application window will appear displaying a list of active network cameras. Remember: Annexxus Cameras cannot share an IP address, each camera requires its own unique IP address.
8. Select desired camera in the Annexxus Finder software by double-clicking it in the list and click **Edit**.
9. Enter the new IP address and Subnet Mask of the camera in the Change IP Address area. 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 Annexxus camera's IP address to 192.138.10.XXX.
10. Enter the default camera password the Input Password field and click **Save**.
11. Wait a few moments for a successful confirmation window. Click **OK** to close it.
12. Repeat Steps 8-11 for all detected Annexxus cameras in the Annexxus Finder.
13. Make sure you can connect to the camera through Internet Explorer:
    a. Launch Internet Explorer and enter the IP Address you have just assigned to your Annexxus camera. The password window should be displayed.
    b. Enter the default camera User Name and default Password.
    c. Annexxus 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 tech support for troubleshooting tips: 1.877.877.7241
14. Make sure that the latest version of GiPi updater is installed on your SRX-Pro Server. You can download the updates from ftp://files.123ip.com/drivers/gipi. Please contact i3 Technical Support team for access information.
15. Once the latest GiPi updater has been installed, restart i3 SRX-Pro Server software.
16. Log In and go to the **Setup** -> **IP Camera** tab.
17. Click the **Search** button to display connected Annexxus cameras.
18. Select the detected camera in the list and click **Select**.
19. In the *Select IP Camera* window, enter the default camera User Name and Password, then click **Add**.
20. The selected camera will be added to the IP Camera list. Don't forget to assign the IP camera to the SRX-Pro video channel in the corresponding column.
21. Your Annexxus camera is now connected to SRX-Pro Server and is ready to record. You may change resolution and frame rate for the Annexxus camera in the IP Camera tab menu or you may choose to configure the camera's advanced settings.