Evolution-12 Concealed camera
QUICK START GUIDE

PELCO

by Schneider Electric

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QUICK START GUIDE: Important

- Read these instructions carefully before installing or operating this product.

- This product should be installed by a qualified service person and the installation should conform to local and national regulations.

- This product is not suitable for installation in a ceiling void that is also used as an air handling space.

CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

WARNING: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Welcome

The Oncam Evolution-12 Indoor Concealed 360° Camera is designed to be connected to an IP network, and it can be configured and operated using a standard internet browser software.

This quick start guide describes the installation and configuration procedures for a standard surface mount camera application.

Power Input	UL/NRTL listed Class 2 , 12VDC, 1.0A or LPS IEEE 802.3af standard PoE 48Vdc, 1A
Operating Temp.	0 to +40°C (-32 to +104°F)
Weight	0.45kg (0.95lbs)

Technical Support

For more detailed installation and operating information, please refer to the: *Evolution-12 Camera - User & Installation Manual* available at: **pelco.com**

For the latest update on User Manual, Data Sheet and camera Firmware please visit: **pelco.com**

Tel: +1 (559) 292-1981 (International)
Email: techsupport@pelco.com

1. Note the MAC address

Make a note of the camera's install location and unique MAC address, which can be found printed on the camera module side label. This information may be needed during the camera configuration.


MAC   00:11:35:03:00:58

2 . Installation & Mounting options

The Evolution Indoor Concealed camera is intended for mounting in suspended ceilings with removable ceiling panels with a material thickness of between 6mm (1/4") to 1" (25 mm) thick. It is important to ensure the camera has sufficient clearance when installed.

2a. Preparing the surface

If possible, remove the panel and cut a 64mm (2.5") diameter hole in the center of the panel using either a hole cutter and the template provided with the camera.

6mm min.
25mm max.
Ø64.0mm
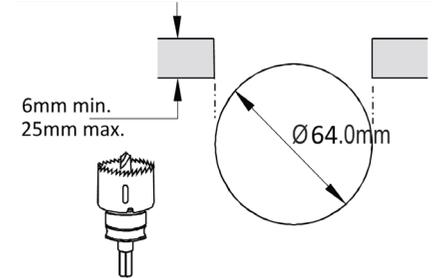
2b. Fitting the concealed bezel

Insert the concealed bezel through the hole from the front of the cut out (lens side) with one hand and using the other hand fit the blue locking nut to the rear to secure the bezel in place.

Ensure the locking nut is correctly orientated so that the smother side is against surface of the ceiling / wall material, and the finger grips are exposed.

Do not over tighten the locking nut.

2c. Fitting the camera module

Site the camera module in to the rear of the bezel. Ensure the camera module is secured to the bezel by tightening the module thumb screw on the camera module so the screw sits tightly into the slot on the bezel ring.

Be careful not to over tighten this thumb screw.

3 . Configuring network settings

Powering the camera

Power should be supplied to the camera via PoE IEEE802.3af through the integrated RJ45 Ethernet cable.

In order to use the camera you will need to know its IP address. There are two typical installation types. The first type uses a DHCP server or router to automatically assign unique valid IP addresses to each camera. The alternative is a manually configured network using static IP addresses. If your network has a DHCP server, go to Step 5.

Static IP installation

If no DHCP server is available on the network the camera will adopt its default IP address of 192.168.0.200. You will need to manually assign each camera with a new, unique, IP address.

Note: There is a more detailed explanation of how to adjust IP settings in the Evolution 12 Camera Installation Guide & User Manual and the Camera Configuration Tool Guide.

5 . Viewing images for the first time

To view live images from any camera on the network:

1. If you know the IP address of the camera, enter this into the address bar of the browser (Internet Explorer, Firefox or Chrome) running on a PC on the same network. You will be prompted to enter a Username and Password (both "admin" by default).

2. Using the Camera Configuration Tool, select one or multiple cameras from the camera list, then click on any browser of your choice to open the web interface. You will be prompted to enter a Username and Password (both "admin" by default).

Note: You will need to install the latest version of the VLC software on your PC to view images on the web interface.

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4 . Using the Camera Configuration Tool

The Oncam website, http://www.oncamgrandeye.com/security-systems/camera-configuration-tool.html has the latest version of the camera configuration tool and User Guide available for download.

This tool quickly finds the IP and MAC addresses of all of the Oncam IP cameras connected to the network. It will also allow you to change network settings, configure the system and perform software updates on multiple cameras.

Start the application by clicking the icon found on the desktop or in the Program List (under Oncam). The software will scan the network and provide a list of all connected Oncam IP cameras.

A new scan can be initiated by clicking the Full Discover button.

Note: Some functions in this tool require a user name and password to be entered: this is 'admin' for both by default.

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