Evolution 05 **Outdoor** Camera

QUICK START GUIDE

EVO-05NND
EVO-05NMD

PELCO

ONVIF S

Important

- Read these instructions carefully before installing or operating this camera.
- This camera should be installed by a qualified service person and the installation should conform to local and national regulations.
- This camera is not suitable for installation in a ceiling void also used as an air handling space.
- Certified as FCC Class A. In a domestic environment this camera may cause radio interference in which case the user should take adequate measures.

DANGER: RISK OF EXPLOSION IF REPLACING A BATTERY WITH AN INCORRECT BATTERY TYPE.

Welcome

The Oncam Evolution 05 Outdoor 360° camera is designed to be connected to an IP network. Configure and operate the camera using a standard internet browser.

Described are the installation and configuration procedures for a standard surface mount camera application.

Power Input	12 VDC, 1.0 A (min) LPS or NEC Class 2 power supply or Power over Ethernet (PoE), IEEE standard 802.3af
Operating Temp.	-40 to +55°C (-40 to +131°F)
Enclosure	Aluminium with polymer bubble
Weight	0.86 kg (1.90 lbs)

Supplied Parts

- EVO-05 Camera
- Base Assembly
- Trim Cover
- Security Screw Driver Bit
- Quick Start Guide
- Drilling Template

Technical Support

For the A&E, Specification, Installation and User Manual, Software and Firmware visit:

www.pelco.com

Tel: +1 559-292-1981 (International)

Email: techsupport@pelco.com

MAC Address

Document the camera's installation location and unique MAC address. Find the MAC address printed on the camera label. This information may be needed during the camera configuration.

Installation & Mounting

The Evolution Outdoor Dome camera is IP-66 rated and vandal resistant.

The wire grommets on the back are sealed until perforated by the installer. The integrity of these seals are essential in order to keep moisture from entering the enclosure. Carefully pierce the seals to ensure the integrity of the seal around the cable.

Configure cabling to enter the camera from the side or rear of the mounting base. Routing cabling from the rear is recommended where possible to offer improved vandal and tamper resistance.

Preparation

1. Prepare the wires of an RJ45 connector (not supplied) for crimping.
2. Puncture the diaphragm of the grommet by inserting a wire or by using a sharp tool. Gently pull the cable back to secure and seal.
3. Pass a round stripped Ethernet cable (CAT5 or better) through a 20 mm compression cable gland (side entry) or one of the rear rubber grommets. **NOTICE:** Secure the cable to prevent movement.

Installation

1. Using the drilling template, attach the Base Assembly to the surface with the four holes located outside the trim ring seal joint. **Note:** Use hardware appropriate for the mount surface to support a minimum of four times the weight of the camera and enclosure.
2. Remove the alarm connector (if necessary).
3. Pass the Ethernet cable around the camera, securing the cable into position.
4. Attach the Camera Module and route cables.
5. Rotate the Camera Module into the mounting clip in the Base Assembly.
6. Fasten the Camera Module in place with the captive thumb screw.
7. Assemble the Trim Cover using the four captive security screws.
8. Apply power.

Configuring Network Settings

Powering the Camera

Supply power to the camera with PoE IEEE802.3af through the integrated RJ45 Ethernet cable.

IP Settings

In order to use the camera you need the IP address.

There are two IP Settings.

- DHCP server or router to automatically assign unique valid IP addresses to each camera.
- A manually configured network using static IP addresses.

If your network has a DHCP server, go to Viewing Images the First Time.

Should a DHCP server not be available, the camera adopts the default static IP address 192.168.0.200. You will then need to manually assign each camera with a new unique IP address.

Note: See the camera's User Manual and Camera Configuration Tool User Manual for IP Setting adjustments.

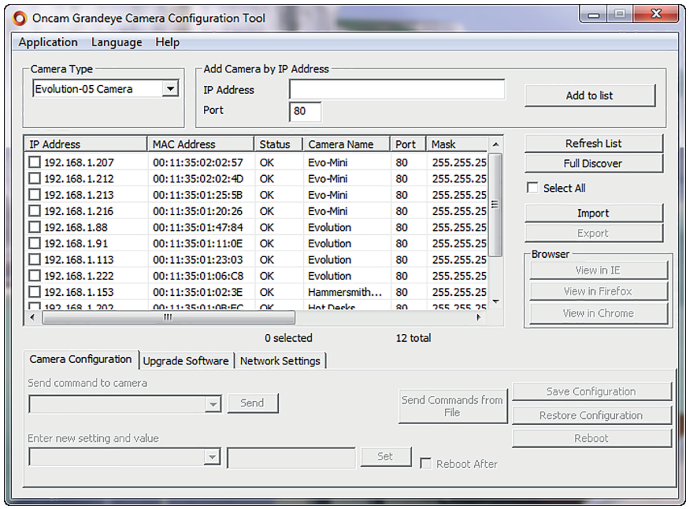
Using the Camera Configuration Tool

Go to the Oncam website (https://www.oncamgrandeye.com/security-systems/camera-configuration-tool.html) for downloading the latest version of the Camera Configuration tool and corresponding User Manual.

The Camera Configuration tool quickly finds the IP and MAC addresses of all Oncam IP cameras connected to the network. It also allows you to change network settings, configure the system and perform software updates on multiple cameras. Initiate a new scan by clicking the Full Discover button.

Start the application by clicking the CameraConfigurationTool icon found on your desktop or from the program list (under Oncam Grandeye). The software scans the network and provides a list of all connected Oncam IP cameras.

Note: Some functions in this tool require a username and password. The default username and password is 'admin'.



Viewing Images 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 your web browser (Internet Explorer, Edge, Firefox or Chrome). The camera should be on the same network.
2. Enter the Username and Password (default is "admin").
3. Using the Camera Configuration Tool, select one or multiple cameras from the camera list
4. Select your browser to open the web interface.
5. Enter your Username and Password (default is "admin").

Note: Ensure you have the latest VLC Media Player (http://www.videolan.org/vlc/index.html) for viewing camera images on the web interface.

Download our FREE OnVu360 mobile application and put the 360° real time monitoring experience right at your fingertips.

onvu360

Scan the QR Code to get it now.

Android

iOS

C3973M-B | Outdoor | 5/2017

Copyright 2014-2017 by Oncam Global Group AG. Oncam is a trading name of Oncam Global Group AG. All rights reserved. All screen images are simulated. Specifications and configurations subject to change without notice. Legal Notice: Parts of this product are protected by patents.