

# OutView

Outdoor Wireless Camera



## Installation Guide



## Product Overview

The OutView is a Wireless Outdoor Still Image Camera. Integrated with the AlarmView Intruder Alarm System, it is the Ultimate Solution for receiving High Quality Images for enhanced Security and Outdoor Surveillance.

With its Slick White Design, the OutView can be used for Visual Perimeter Protection and a variety of other applications.

## Features

- High Quality, Still Image Camera
- Operated by Momentary Trigger from N.C. (Normally Close) Devices: Detectors, Relays, etc
- Up to 7 m Flash, for Low-Light Conditions
- Weather Resistant
- Sun Light Protection
- External AC adapter
- IP65 Environment Protection

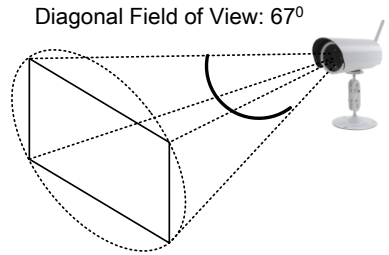
## Out of the box

- The OutView camera with a connected 4-wire cable
- Terminal block
- AC to DC adapter
- Mounting bracket with Swiveling Arm
- Allan wrench
- 3 screws + 3 wall plugs



**To preserve its sealing and to avoid opening its enclosure, the OutView is supplied with a cable connected to its internal terminal block. Any attempt to open the enclosure will void the camera's warranty.**

## Quick reference guide



1	Antenna	2.4 GHz, 2-way Radio Link
2	Hood	Aluminum
3	Plastic Screw Fastener	For Camera Stability
4	Swiveling Arm	For Pan & Tilt Adjustment
5	Mounting Bracket	Wall/Surface Mounting
6	Lens	67° Field of View
7	Len's Cap	Protective Shield

## Installation

### Placement guidelines

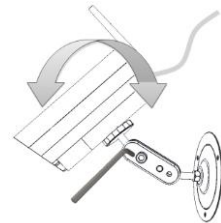
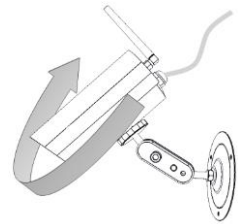
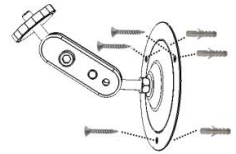
- Keep the AC adapter as close as possible to the camera, to ensure optimal voltage and not to affect the image quality and the flash
- The AC adapter should be connected to an indoor AC outlet
- The distance between the camera and the trigger source (detector) cannot exceed 50 m
- Ensure that outdoor power cables, such as extension cords, are designed for outdoor use
- Mount the camera on a solid flat surface only
- Do not place the camera where rain and snow will hit the lens directly
- Do not point the camera towards a light source
- Do not have the camera in a shaded area looking out into a well-lit area, as this will display poor results

## How to mount the OutView

Before you mount the OutView camera, make sure it optimally covers the secured area.

Follow the next steps to mount the camera:

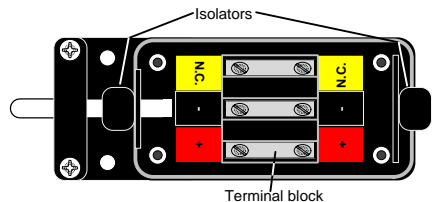
1. Use the template on page 11 and drill 3 matching holes on the mounting surface.
2. Insert the supplied wall plugs and mount the bracket, using the supplied screws.
3. Rotate the swiveling bracket's plastic knob clockwise, to its lower position.
4. Connect the camera to the bracket, by rotating it clockwise.
5. Tighten the plastic knob to secure the camera.
6. Connect the camera's cable to the terminal block and to power; see the next section for details.
7. Adjust the field of view of the camera.
8. Tighten the bracket's tilt screws with the supplied Allen wrench.



## How to connect the OutView

The OutView is supplied connected with a 3-wire cable to a junction box. To connect the OutView, do the following:

1. Open the box's cover by removing its 4 Philips screws.
2. Pull out the black rubber waterproof isolator, on the opposite side of the cable (see the image).
3. Puncture a hole in the center of the isolator, for the wires of the AC adapter and the trigger source.
4. Pass these wires through the isolator.
5. Connect the AC adapter wires to the Red (+) and Black (-) terminals. See the next section for a diagram.



The positive (+) wire of the AC adapter is marked with stripes

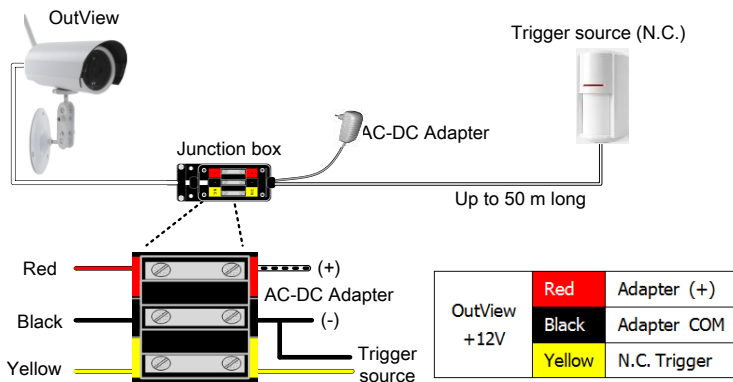
- Connect the trigger source's wires to the Yellow wire of the N.C. terminal and the (-). See the next diagram.



You cannot use 2-state triggers, like door contacts and beam detectors.

- Insert the isolator back in its place.
- Close the cover and fasten the four screws.
- Place the junction box in a weatherproof placement.
- Plug the AC adapter to an indoor outlet.

### Connection diagram



- If the AC-DC adapter is also used to power the triggering detector, make sure it does not exceed its power output.**
- The OutView does not report on a restore event.**

## Maintenance

If the protective camera lens becomes dirty, clean it only with a lint-free cloth.

# Technical specifications

<b>Optical</b>	
Diagonal Field of View	67°
Camera type	VGA CMOS Color Camera
Visual type	JPEG, 320 x 240, up to 15 Kb per image
<b>General</b>	
Adjustment	Mounting bracket with swiveling arm for Pan & Tilt adjustments
Trigger	Wired, Normally Close
<b>Electrical</b>	
Adapter	12 VDC 2A AC-DC adapter, external
Current Consumption	<ul style="list-style-type: none"> <li>• Standby: 40 mA</li> <li>• Transmission: 160 mA</li> <li>• Flash pick current: 1500 mA</li> </ul>
<b>Flash</b>	
Type	Visible light strobe
Range	Up to 7 m
<b>RF</b>	
Frequency	2.4 GHz ISM band
Modulation	Frequency Hopping Spread Spectrum (FHSS)
Supervision	2-way Radio Link, 20 sec interval
Event Transmission	Alarm, Image, Low Battery, Supervision
Range	Up to 100 m in open space <sup>1</sup>
Secured Wireless Network	<ul style="list-style-type: none"> <li>• Unique ID serial number: 48 bit + link key</li> <li>• Data encryption (up to 48-bit)</li> </ul>
<b>Physical</b>	
Dimensions	125 X ø65 mm
Weight	With bracket: 443 g Without bracket: 330 g
Hood	Aluminum
<b>Environmental</b>	
Operating environment:	Outdoor, IP65 Environment Protection
Operating temperature:	-20 to +60 °C
Humidity:	0 to 85%, non-condensing
RFI Protection:	10 V/m, up to 1000 MHz

<sup>1</sup> Range might be impacted by building materials and interferences

## Limited Warranty

PIMA Electronic Systems Ltd. ("the Manufacturer") warrants its products hereinafter referred to as "the Product" or "Products" to be in conformance with its own plans and specifications and to be free of defects in materials and workmanship under normal use and service for a period of twelve (12) months from the date of shipment by the Manufacturer. The Manufacturer's obligations shall be limited within the warranty period and its option, to repair or replace the product or any part thereof. The Manufacturer shall not be responsible for dismantling and/or reinstallation charges. To exercise the warranty, the product must be returned to the Manufacturer freight prepared and insured.

The warranty does not apply in the following cases: improper installation, misuse, failure to follow installation and operating instructions, alteration, abuse, accident or tampering, and repair by anyone other than the Manufacturer.

The warranty is exclusive and expressly in lieu of all other warranties, obligations or liabilities, whether written, oral, express or implied, including any warranty of merchantability or fitness for a particular purpose, or otherwise. In no case shall the Manufacturer be liable to anyone for any consequential or incidental damages for breach of this warranty or any other warranties whatsoever, as aforesaid.

This warranty shall not be modified, varied or extended, and the Manufacturer does not authorize any person to act on its behalf in the modification, variation or extension of this warranty. This warranty shall apply to the Product only. All products, accessories or attachments of others used in conjunction with the Product, including batteries, shall be covered solely by their own warranty, if any. The Manufacturer shall not be liable for any damage or loss whatsoever, whether directly, indirectly, incidentally, consequentially or otherwise, caused by the malfunction of the Product due to products, accessories, or attachments of others, including batteries, used in conjunction with the Products. The Manufacturer does not represent that its Product may not be compromised and/or circumvented, or that the Product will prevent any death, personal and/or bodily injury and/or damage to property resulting from burglary, robbery, fire or otherwise, or that the Product will in all cases provide adequate warning or protection. User understands that a properly installed and maintained alarm may only reduce the risk of events such as burglary, robbery, and fire without warning, but it is not insurance of a guarantee that such will not occur or there will be no death, personal damage and/or damage to property as a result.

The Manufacturer shall have no liability for any death, personal and/or bodily injury and/or damage to property or other loss whether direct, indirect, incidental, consequential or otherwise, based on a claim that the Product failed to function. However, if the Manufacturer is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause of origin, the Manufacturer's maximum liability shall not in any case exceed the purchase price of the Product, which shall be fixed as liquidated damages and not as penalty, and shall be the complete and exclusive remedy against the Manufacturer.

Warning: The user should follow the installation and operation instructions and among other things test the product and the whole system at least once a week. For various reasons, including, but not limited to, changes in environmental conditions, electric or electronic disruptions and tampering, the Product may not perform as expected. The user is advised to take all necessary precautions for his/her safety and the protection of his/her property.

### **RoHS compliance**

All our products are lead-free

### **ISO 9001 Certification**

PIMA Electronic Systems is ISO 9001 certified

### **CE Declaration**

Hereby,

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Country: Israel

Telephone number: +972.3.6506414

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PIMA Electronic Systems Ltd. declares that the AlarmView system is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

### **Federal Communications Commission (FCC) Part 15 Statement**

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information.

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the receiver away from the control/communicator.
- Plug the control/communicator into a different outlet so that it and the receiver are on different branch circuits.
- If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions.



The user or installer may find the following booklet prepared by the Federal Communications Commission helpful: "Interference Handbook." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402.

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Guide. Unauthorized changes or modifications could void the user's authority to operate the equipment.

All data contained herein is subject to change without prior notice.

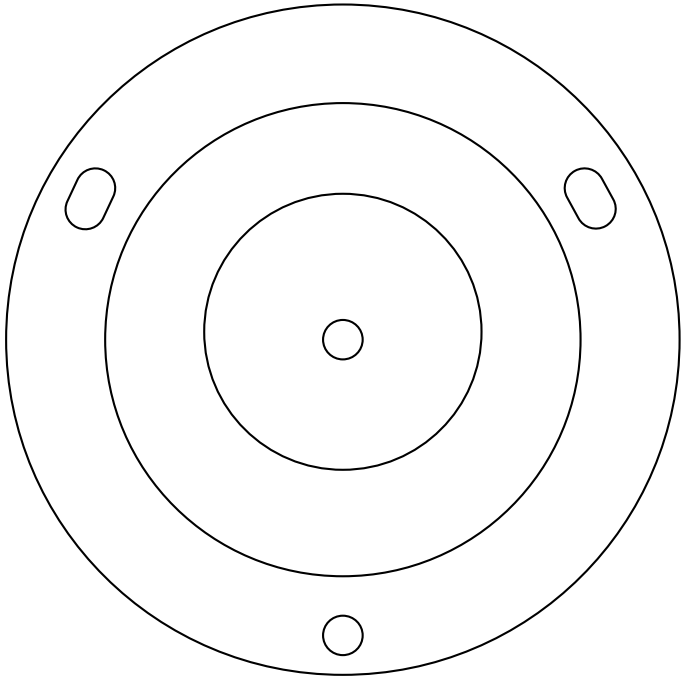
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Ver: XX en, A2, Aug. 2015