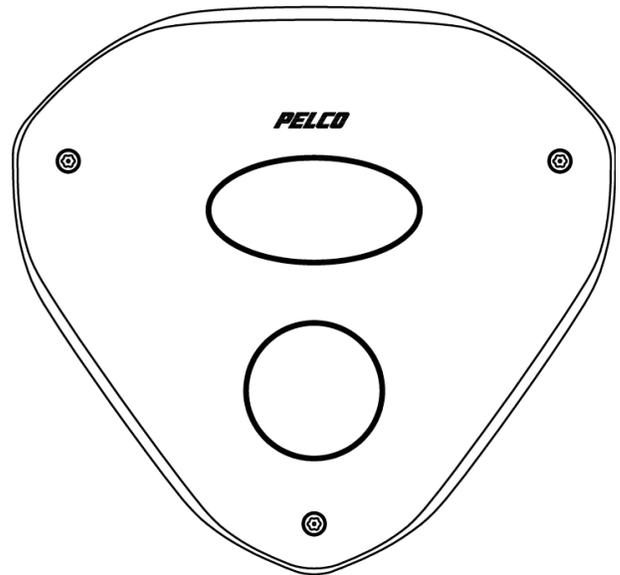




IBD Sarix High Security Corner Mount Camera Installation Manual



IBD129-1 IBD329-1

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Important Notices

REGULATORY NOTICES [FCC CLASS A]

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RADIO AND TELEVISION INTERFERENCE

This equipment has been tested and found to comply with the limits of a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Changes and Modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commission's rules.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

LEGAL NOTICE [AUDIO NOTICE]

SOME PELCO EQUIPMENT CONTAINS, AND THE SOFTWARE ENABLES, AUDIO/VISUAL AND RECORDING CAPABILITIES, THE IMPROPER USE OF WHICH MAY SUBJECT YOU TO CIVIL AND CRIMINAL PENALTIES. APPLICABLE LAWS REGARDING THE USE OF SUCH CAPABILITIES VARY BETWEEN JURISDICTIONS AND MAY REQUIRE, AMONG OTHER THINGS, EXPRESS WRITTEN CONSENT FROM RECORDED SUBJECTS. YOU ARE SOLELY RESPONSIBLE FOR INSURING STRICT COMPLIANCE WITH SUCH LAWS AND FOR STRICT ADHERENCE TO ANY/ALL RIGHTS OF PRIVACY AND PERSONALTY. USE OF THIS EQUIPMENT AND/OR SOFTWARE FOR ILLEGAL SURVEILLANCE OR MONITORING SHALL BE DEEMED UNAUTHORIZED USE IN VIOLATION OF THE END USER SOFTWARE AGREEMENT AND RESULT IN THE IMMEDIATE TERMINATION OF YOUR LICENSE RIGHTS THEREUNDER.

VIDEO QUALITY CAUTION

FRAME RATE NOTICE REGARDING USER SELECTED OPTIONS

Pelco systems are capable of providing high quality video for both live viewing and playback. However, the systems can be used in lower quality modes, which can degrade picture quality, to allow for a slower rate of data transfer and to reduce the amount of video data stored. The picture quality can be degraded by either lowering the resolution, reducing the picture rate, or both. A picture degraded by having a reduced resolution may result in an image that is less clear or even indiscernible. A picture degraded by reducing the picture rate has fewer frames per second, which can result in images that appear to jump or move more quickly than normal during playback. Lower frame rates may result in a key event not being recorded by the system.

Judgment as to the suitability of the products for users' purposes is solely the users' responsibility. Users shall determine the suitability of the products for their own intended application, picture rate and picture quality. In the event users intend to use the video for evidentiary purposes in a judicial proceeding or otherwise, users should consult with their attorney regarding any particular requirements for such use.

OPEN SOURCE SOFTWARE

This product includes certain open source or other software originated from third parties that is subject to the GNU General Public License (GPL), GNU Library/Lesser General Public License (LGPL) and different and/or additional copyright licenses, disclaimers, and notices.

The exact terms of GPL, LGPL, and some other licenses are provided to you with this product. Please refer to the exact terms of the GPL and LGPL at <http://www.fsf.org> (Free Software Foundation) or <http://www.opensource.org> (Open Source Initiative) regarding your rights under said license. You may obtain a complete corresponding machine-readable copy of the source code

of such software under the GPL or LGPL by sending your request to digitalsupport@pelco.com; the subject line should read Source Code Request. You will then receive an email with a link for you to download the source code.

This offer is valid for a period of three (3) years from the date of the distribution of this product by Pelco.

Korean Class A EMC

이 기기는 업무용 (A 급) 전자파 적합기기로서 판매자 또는 사용자는 이 점을 주의하시길 바라며, 가정 외의 지역에서 사용하는 것을 목적으로 합니다.

ESD WARNING



WARNING: This product is sensitive to Electrostatic Discharge (ESD). To avoid ESD damage to this product, use ESD safe practices during installation. Before touching, adjusting or handling this product, correctly attach an ESD wrist strap to your wrist and appropriately discharge your body and tools. For more information about ESD control and safe handling practices of electronics, please refer to ANSI/ESD S20.20-1999 or contact the Electrostatic Discharge Association (www.esda.org).

WARRANTY

For information about Pelco's product warranty and thereto related information, refer to www.pelco.com/warranty.

Network Topology Statement

IMPORTANT NOTE. PLEASE READ. The network implementation is shown as a general representation only and is not intended to show a detailed network topology. Your actual network will differ, requiring changes or perhaps additional network equipment to accommodate the system as illustrated. Please contact your local Pelco representative to discuss your specific requirements.

Legal Notice (Audio Notice)

NOTE: Improper use of audio/visual recording equipment may subject you to civil and criminal penalties. Applicable laws regarding the use of such capabilities vary between jurisdictions and may require, among other things, express written consent from the recorded subjects. You are solely responsible for insuring strict compliance with such laws and for strict adherence to any/all right of privacy.

Models Instructions

The physical appearances and installation methods for the models indicated within the list below are by and large the same. Therefore, please regard this installation manual where we use the example from IBD129-1 as a reference to apply to all the models.

Model	Description
IBD129-1	1MP Sarix High Security Corner Mount Camera + IR POE 12/24V
IBD329-1	3MP Sarix High Security Corner Mount Camera + IR POE 12/24V

TABLE 1-1: MODELS LIST

Description

The IBD Sarix High Security Corner Mount Camera is ideal for law enforcement applications such as court houses, jails, and military sites. Before installing it, please verify your model and read this guide carefully.

Package Contents

- High Security Corner Mount Camera * 1
- TP4x30mm Self-Tapping Screw * 3
- Plastic Anchor * 3
- Desiccant * 2
- T20 Security Torx Wrench * 1
- 8-pin Terminal Block * 1
- 2-pin Terminal Block * 1
- Mounting Template * 1
- Important Notices Declaration * 1
- Printed Quick Start Guide * 1
- Supplemental Resources Sheet * 1
- Important Safety Instruction * 1
- ROHS Statement Slip * 1

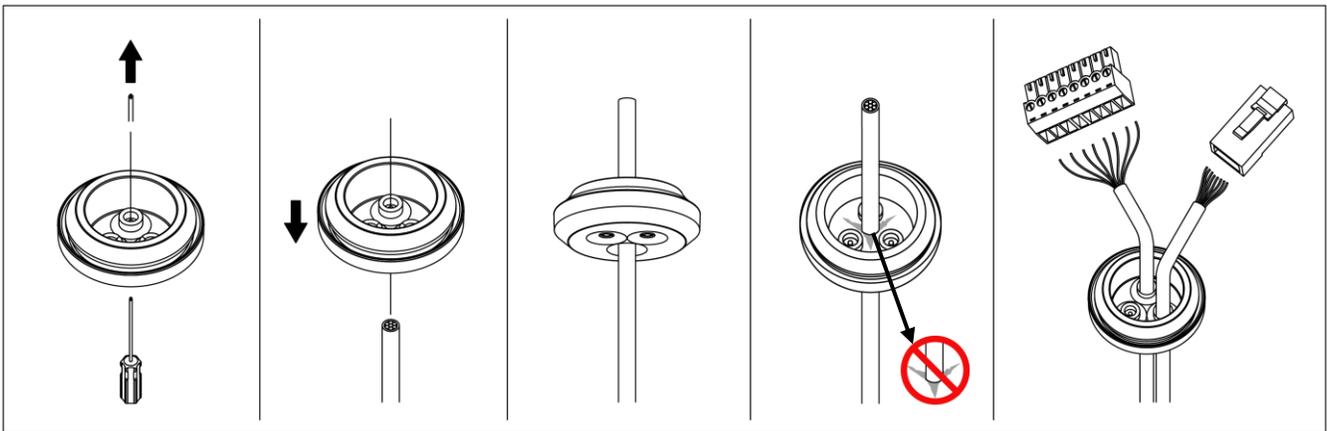
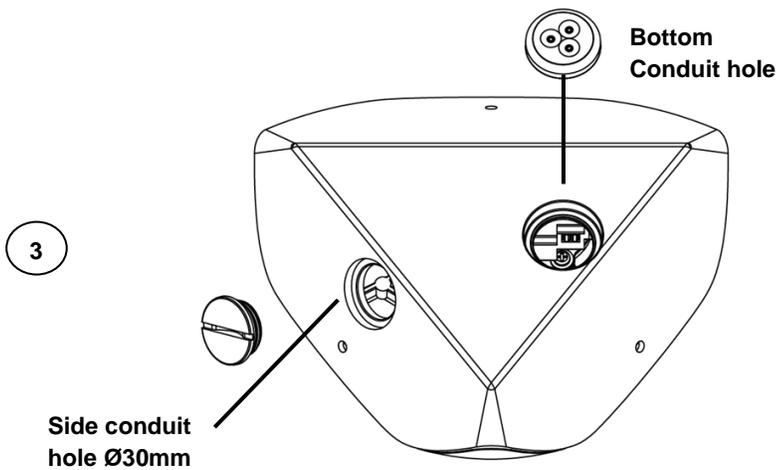
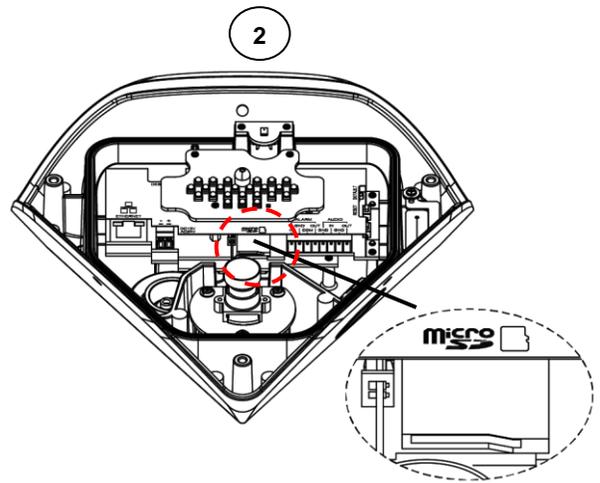
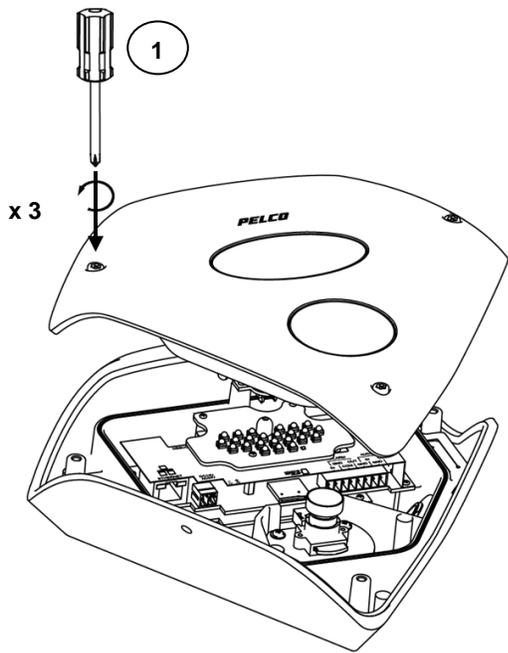
Installation

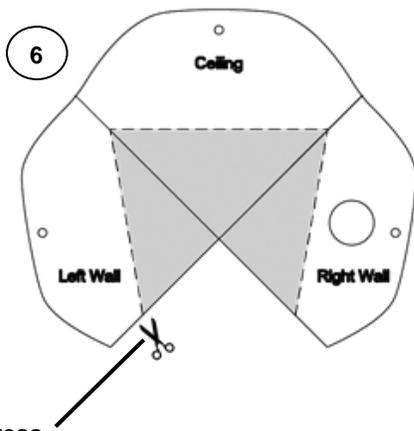
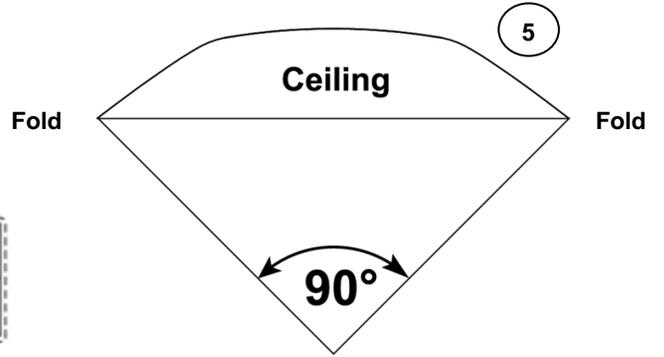
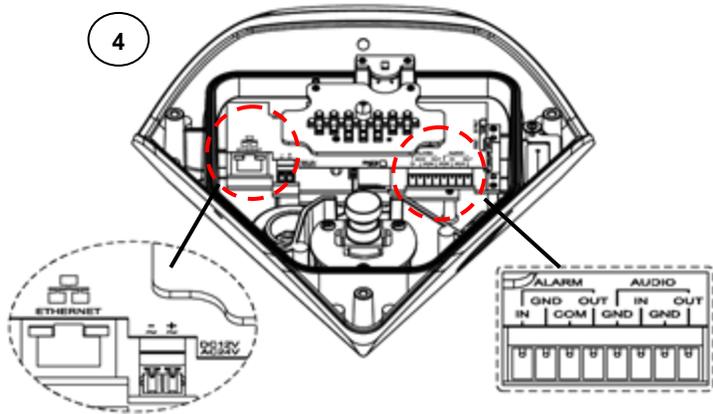
You can install the IBD Sarix High Security Corner Mount Camera using the following method.

- Corner Surface Mount

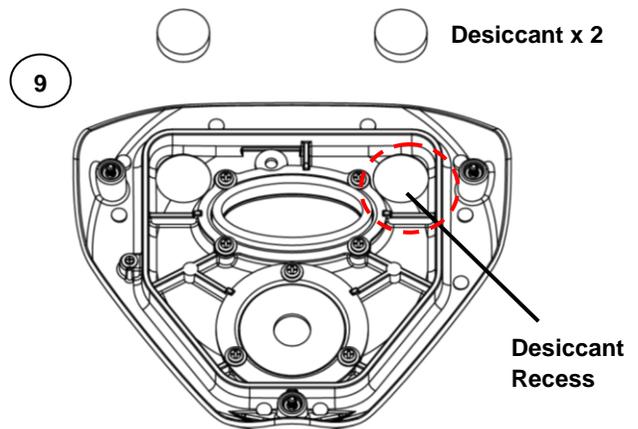
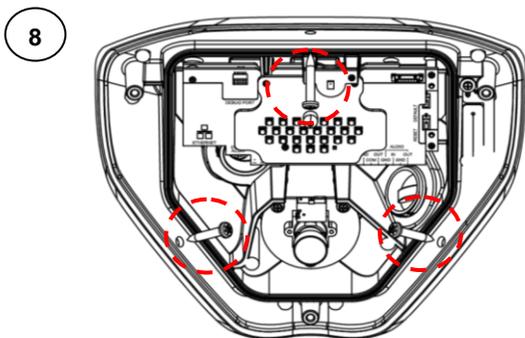
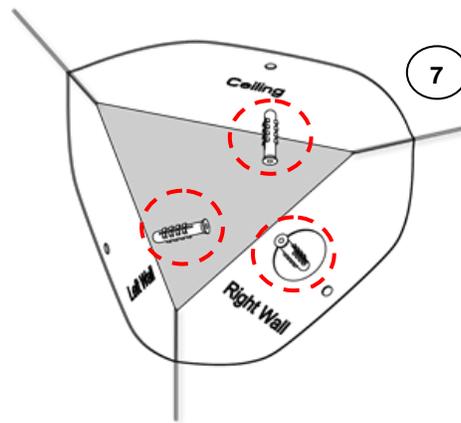
CORNER SURFACE MOUNT

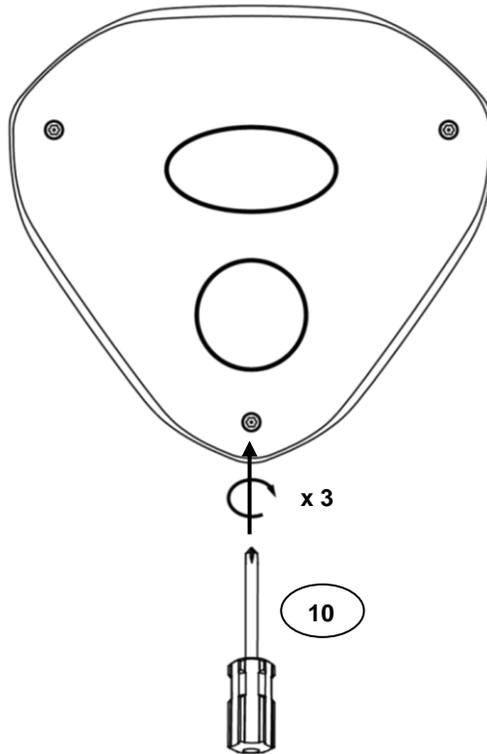
Install the IBD Sarix High Security Corner Mount Camera to a corner surface between the walls and the ceiling as shown in the following procedure.





Cut the gray areas





1. Loosen the 3 (M4x23L) top cover screws with a torx wrench, and then remove the top cover.
2. If necessary, insert a micro SD card into the slot.
3. Based on your needs, use the bottom conduit hole or side conduit hole on the camera body for cable entry and connect the required cables. If using the supplied water proof gland (recommended), puncture a round hole(s) in the gland that is smaller than the diameter of the cable that will be passed through the gland. Feed an unterminated cable thru the hole in the gland. Terminate the cable with the appropriate connector. **NOTE: Mounts and conduits must be sealed to prevent condensation in the camera.**
4. Connect a power cable that supplies AC24V or DC12V power source to the power terminal. Alternatively, plug a RJ-45 connector with attached Ethernet cable into PoE port of the camera, and then plug the other end to a power sourcing equipment (PSE). Individually, connect audio in/out and alarm in/out sockets with wires from audio in/out and alarm in/out devices respectively, if required.

NOTE:

 - a. The product is intended to be supplied by a Listed Power Unit marked "L.P.S." (or "Limited Power Source") and rated output 24Vac, 50/60Hz, 670mA, 12Vdc, 1070mA or 48Vdc (PoE), 195mA minimum.
 - b. The product shall be installed by a qualified service person and the installation shall conform to all local codes.
 - c. The recommended wire size that can be used with 2-pin Power and 8-pin Audio/Alarm connectors is limited to 28-14 AWG range.
5. Fold the mounting template into a cone shape along the dotted line.
6. Open the mounting template and cut the gray areas.
7. Attach the mounting template in the corner between the ceiling and the walls. Drill 3 holes as indicated on the mounting template and insert the 3 plastic anchors into the holes.

8. After that, mount the camera body on the corner surface and tighten the 3 (TP4x30) self-tapping screws into the inserted plastic anchors.
9. Flip over the top cover and individually stick the 2 desiccant into each circular recess.
10. Use the torx wrench to tighten the 3 (M4x23L) top cover screws and complete mounting. **NOTE: The recommended torque of the screw is 2.5 ± 0.2 Nm(Newton meter).**

NOTE: For more information about this camera, all resources are available in one location:
<https://www.pelco.com/high-security-corner-ibd>.

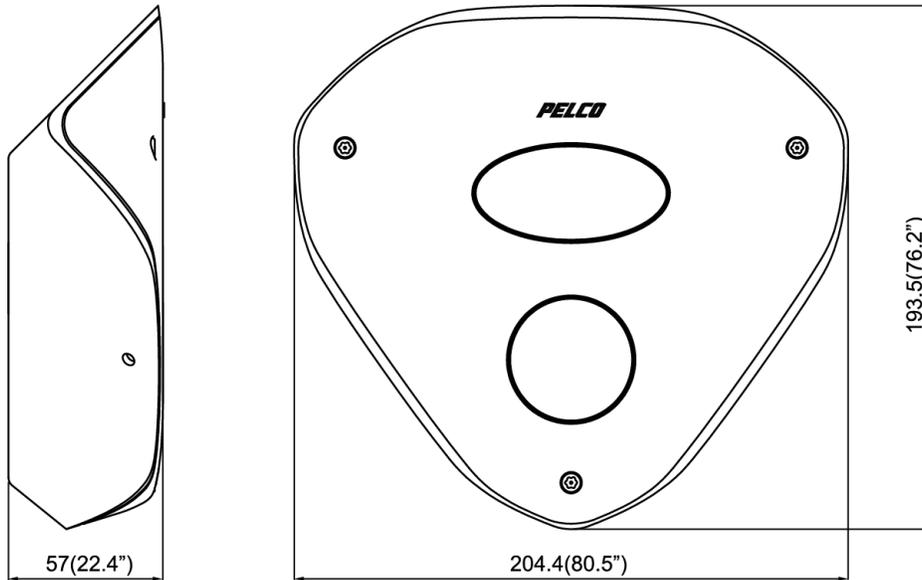
Pelco Troubleshooting Contact Information

If the instructions provided fail to solve your problem, contact Pelco Product Support at 1-800-289-9100 (USA and Canada) or +1-559-292-1981 (international) for assistance. Be sure to have the serial number available when calling. Do not try to repair the unit yourself. Leave maintenance and repairs to qualified technical personnel only.

Note for Dimension Drawings



NOTE: VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.



This equipment contains electrical or electronic components that must be recycled properly to comply with Directive 2002/96/EC of the European Union -regarding the disposal of waste electrical and electronic equipment (WEEE). Contact your local dealer for procedures for recycling this equipment.

REVISION HISTORY

Manual #	Date	Comments
C2303M	08/18	Rev.02



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