



# Quick Install Guide

## **IQeye IQA-CNR**

Corner and Pole Mount Adapter



## Important Information

This product is intended for use with Alliance-mx (with or without appropriate Wall Mount Kit) and Sentinel Series cameras. It is not designed for, and will not necessarily be compatible with other camera systems.

This product is designed for use with the supplied BAND-IT® 0.5 inch (12.7 mm) x 48-inch (1.22 M) metal tensioning straps and a proper tensioning tool (not included) for proper installation to a pole. Two recommended tensioning tools are the BAND-IT® C00169 or Videoalarm's PM3T.

In order to ensure stability of the camera image, Vicon recommends using a pole not less than 4 inches in diameter. Poles with diameters less than 4 inches may experience frequent and uncontrollable shaking of the camera in environments with heavy wind or transient vibration, which will translate into blurred images.

The 48-inch (1.22M) straps included with the Alliance and Sentinel Corner and Pole Mount Adapter kit can be single wrapped, but they are designed to be double wrapped for maximum radial compression. If double wrapped, the straps are effective on poles up to 7 inches (178 mm) in diameter. If single wrapped, the straps will allow mounting of the Corner and Pole Mount Adapter to poles as wide as 14 inches (356 mm) in diameter. Poles wider than this will require longer straps (not supplied).

This Quick Install Guide covers the IQA-CNR Corner Mount. Be sure to go to our website [www.vicon-security.com](http://www.vicon-security.com) to assure you have the most current documentation.

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# 1 Unpacking

Remove the IQA-CNR Corner and Pole Mount Adapter and related hardware from the box.

## **Hardware included in the box should include:**

- a. (1) IQA-CNR Corner and Pole Mount Adapter
- b. (4) 1-inch M6 Allen head screws for mounting the Alliance-mx (with Wall Mount Kit) or Sentinel Junction box (not included) to the Corner and Pole Mount Adapter
- c. (1) 5mm Allen wrench
- d. (4) Spring lock washers
- e. (2) BAND-IT(R) 0.5 inch (12.7mm) x 48-inch (1.22 M) metal tensioning straps
- f. (4) 16mm M4 Phillips Pan Head screws for mounting Alliance cameras and Alliance Wall Mount without Back Box directly to the Corner and Pole Mount Adapter

## **Tools needed for assembly (not-included):**

- a. Tensioning tool (if pole mounted)
- b. Hammer (for removing punch-out plugs if necessary & flattening lock tabs on straps if pole mounted)
- c. Phillips-head screwdriver

## 2 Attaching Adapter to Pole

**NOTE:** Visually inspect the pole to be used for loose or deteriorated materials and either repair this area or choose an area of the pole that is free from such defects. Installations should be performed by qualified service personnel only in accordance with local, state and national code(s).

A. Thread the tensioning straps through the slots of the Corner and Pole Mount Adapter so that each of the two straps passes through one pair of slots and around the pole (Figure 2.1). On poles that are 7 inches (178 mm) or less in diameter, it is recommended that the straps be double wrapped around the pole and through the slots before tightening and securing.



Figure 2.1

B. Once the desired height of the Corner and Pole Mount Adapter is achieved, tighten the straps down using a tensioning tool (not included) to the desired or specified tension using the following instructions:

1. Ensure one end of the strap is inserted into the strap buckle.

2. Place leading end of strap in through the tensioning tool nose and move the nose up as close to the buckle as possible (Figure 2.2). This will ensure that the buckle does not slide into the tool nose during tensioning.



Figure 2.2

3. Make sure the leading edge is securely clamped into the tensioning mechanism.

4. Apply tension by turning the handle.

5. When tight, place finger on BANDIT® strap at the bridge of the buckle while continuing to slowly turn the tool handle. When the strap stops moving through the buckle, it is at maximum tension.



Figure 2.3

6. Roll the tool over the buckle, backing off with the tension handle throughout the entire rolling operation. Failure to back off with the tension handle may result in the strap breaking. Only back off the tension tool enough to allow the strap to bend around the buckle.

7. Pull the cutting handle near the tool nose to cut the strap (Figure 2.3).

8. Remove tensioning tool, holding the stub of the strap down with thumb.

9. Remove thumb and using a hammer, knock the strap stub flat against the buckle, and then hammer down the two buckle ears over the strap stub (Figure 2.4).



Figure 2.4

C. Go to the “Attaching Alliance or Sentinel Camera to Adapter” section of this installation guide.

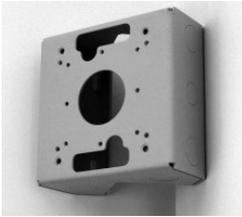
### 3 Attaching Adapter to Corner

**NOTE:** Installations should be performed by qualified service personnel only in accordance with local, state and national code(s).

**A. Mounting the IQA-CNR Corner and Pole Mount Adapter to an inside corner or outside corner (see examples below).**

1. Pull any cabling from the wall side through the Corner and Pole Mount Adapter.
2. Mount the Adapter to the interior or exterior corner wall surface using the appropriate hardware (for outside corner mounting, knockouts must be removed).

**B. Go to the “Attaching Alliance or Sentinel Camera to Adapter” section of this installation guide.**



Inside Corner



Outside Corner

# 4 Attaching Alliance or Sentinel Camera to Adapter

A. Attach Alliance (with or without Wall Mount Kit) or Sentinel Series camera system to IQA-CNR Corner and Pole Mount Adapter per the installation instructions shipped with the camera.

1. Line up the four mounting holes on the camera's Back Box or Wall Mount Back Box with the corresponding holes on the face of the IQA-CNR Corner and Pole Mount Adapter (see Figure 4.1).
2. Using the appropriate hardware, secure the 4 included screws through the mount holes in the camera Back Box or Wall Mount to the threaded receivers on the Corner and Pole Mount Adapter.

### Adapter Hole Legend:

- Sentinel or Wall Mount Adapter Kit
- Alliance-pro (without Wall Mount Kit)
- Alliance-mx (without Wall Mount Kit)
- Wall Mount without Back Box

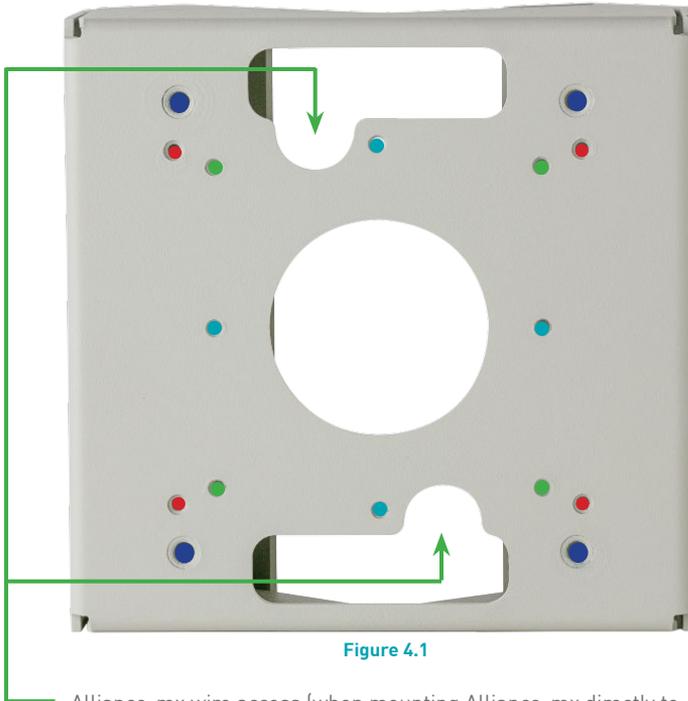


Figure 4.1

Alliance-mx wire access (when mounting Alliance-mx directly to Corner and Pole Mount Adapter)

# Shipping Instructions

Use the following procedure when returning a unit to the factory:

1. Call or write Vicon for a Return Authorization (R.A.) at one of the locations listed below. Record the name of the Vicon employee who issued the R.A.

Vicon Industries Inc.  
135 Fell Court  
Hauppauge, NY 11788  
Phone: 631-952-2288; Toll-Free: 1-800-645-9116; Fax: 631-951-2288

For service or returns from countries in Europe, contact:

Vicon Industries Ltd  
Unit 4, Nelson Industrial Park,  
Hedge End, Southampton  
SO30 2JH, United Kingdom  
Phone: +44 (0)1489/566300; Fax: +44 (0)1489/566322

2. Attach a sheet of paper to the unit with the following information:

- a. Name and address of the company returning the unit
- b. Name of the Vicon employee who issued the R.A.
- c. R. A. number
- d. Brief description of the installation
- e. Complete description of the problem and circumstances under which it occurs
- f. Unit's original date of purchase, if still under warranty

3. Pack the unit carefully. Use the original shipping carton or its equivalent for maximum protection.

4. Mark the R.A. number on the outside of the carton on the shipping label.

# Vicon Standard Equipment Warranty

Vicon Industries Inc. (the “Company”) warrants your equipment to be free from defects in material and workmanship under Normal Use from the date of original retail purchase for a period of three years, with the following exceptions:

1. All IQEYE Cameras: Two years if purchased before 1/1/2011.
2. Alliance-mini (IQD3xx), Alliance-mx (IQMxxx) and 3 Series (IQ03xx): Five years if purchased between 1/2/2011 – 12/31/2014.
3. Alliance-Pro (IQA3xx): Five years if purchased between 3/2/2012 – 12/31/2014. Three years if the motorized lens (IQA3xx-A3) option.
4. Access Control System Components: Two year from date of original retail purchase.
5. Uninterruptible Power Supplies: Two years from date of original retail purchase.
6. VDR-700 Recorder Series: One year from date of original retail purchase.
7. V5616MUX: One year from date of original retail purchase.
8. Arecont Cameras: One year from date of original retail purchase.
9. FMC series fiber-optic media converters and associated accessories: Lifetime warranty.
10. For PTZ cameras, “Normal Use” excludes prolonged use of lens and pan-and-tilt motors, gear heads, and gears due to continuous use of “autopan” or “tour” modes of operation. Such continuous operation is outside the scope of this warranty.
11. Any product sold as “special” or not listed in Vicon’s commercial price list: One year from date of original retail purchase.

## NOTE:

- If the product is to be used outdoors or in dusty, humid, or other hostile environments, it must be suitably protected.
- Camera products must be protected, whether in use or not, from exposure to direct sunlight or halogen light as the light may damage the camera image sensor. This applies to both indoor and outdoor use of the cameras.
- For camera products supplied without a lens, extreme care should be used when mounting a lens on these products. Damage to the product due to incorrectly mounted lenses will invalidate this limited hardware warranty.
- Failure to comply with any of the aforementioned requirements will invalidate this Limited Hardware Warranty.

Date of retail purchase is the date original end-user takes possession of the equipment, or, at the sole discretion of the Company, the date the equipment first becomes operational by the original end-user.

The sole remedy under this Warranty is that defective equipment be repaired or (at the Company’s option) replaced, at Company repair centers, provided the equipment has been authorized for return by the Company, and the return shipment is prepaid in accordance with policy. Repaired or replacement hardware will be warranted for the remainder of the original Warranty Period or ninety (90) days, whichever is longer. When a product or part is exchanged the replacement hardware becomes the property of the original purchaser and all hardware or part thereof that is replaced shall become the property of Vicon.

The sole remedy under this Warranty is that defective equipment be repaired or (at the Company’s option) replaced, at Company repair centers, provided the equipment has been authorized for return by the Company, and the return shipment is prepaid in accordance with policy. Repaired or replacement hardware will be warranted for the remainder of the original Warranty Period or ninety (90) days, whichever is longer. When a product or part is exchanged the replacement hardware becomes the property of the original purchaser and all hardware or part thereof that is replaced shall become the property of Vicon.

The warranty does not apply (a) to faulty and improper installation, maintenance, service, repair and/or alteration in any way that is not contemplated in the documentation for the product or carried out with Vicon consent in writing, operation adjustments covered in the operating manual for the product or normal maintenance, (b) to cosmetic damages, (c) if the product is modified or tampered with, (d) if the product is damaged by acts of God, misuse, abuse, negligence, accident, normal wear and tear and deterioration, improper environmental conditions (including, but not limited to, electrical surges, water damage, chemical exposure, an/or heat/cold exposure) or lack of responsible care, (e) if the product has had the model or serial number altered, defaced or removed, (f) to consumables (such as storage media or batteries) (g) to products that have been purchased "as is" and Vicon the seller or the liquidator expressly disclaim their warranty obligation pertaining to the product, (h) to any non-Vicon hardware product or any software (irrespective of packaged or sold with Vicon hardware product) and Vicon products purchased from an unauthorized distributor/ reseller, (i) to damage that occurs in shipment or (j) to damages by any other causes not related to defective design, workmanship and/or materials.

The warranty for the products shall run from Vicon to End User customers only (including product purchased through authorized partners and resellers). Vicon is not obligated under any circumstances to honor warranties on product(s) purchases from internet auction sites including eBay, uBid or from any other unauthorized resellers. Except as explicitly provided herein, Vicon disclaims all other warranties, including the implied warranties of fitness for a particular purpose and merchantability.

Software supplied either separately or in hardware is furnished on an "As Is" basis. Vicon does not warrant that such software shall be error (bug) free. Software support via telephone, if provided at no cost, may be discontinued at any time without notice at Vicon's sole discretion. Vicon reserves the right to make changes to its software in any of its products at any time and without notice.

The Warranty and remedies provided above are exclusive and in lieu of all other express or implied warranties including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. Certain jurisdictions do not allow the exclusion of implied warranties. If laws under such jurisdictions apply, then all express and implied warranties are limited to the warranty period identified above. Unless provided herein, any statements or representations made by any other person or firm are void. Except as provided in this written warranty and to the extent permitted by law, neither Vicon nor any affiliated shall be liable for any loss, (including loss of data and information), inconvenience, or damage, including, but not limited to, direct, special, incidental or consequential damages, resulting from the use or inability to use the Vicon product, whether resulting from breach of warranty or any other legal theory. Notwithstanding the foregoing, Vicon total liability for all claims under this warranty shall not exceed the price paid for the product. These limitations on potential liabilities have been an essential condition in setting the product.

No one is authorized to assume any liability on behalf of the Company, or impose any obligations on it in connection with the sale of any Goods, other than that which is specified above. In no event will the Company be liable for indirect, special, incidental, consequential, or other damages, whether arising from interrupted equipment operation, loss of data, replacement of equipment or software, costs or repairs undertaken by the Purchaser, or other causes.

This warranty applies to all sales made by the Company or its dealers and shall be governed by the laws of New York State without regard to its conflict of laws principles. This Warranty shall be enforceable against the Company only in the courts located in the State of New York.

The form of this Warranty is effective August 1, 2015.

THE TERMS OF THIS WARRANTY APPLY ONLY TO SALES MADE WHILE THIS WARRANTY IS IN EFFECT. THIS WARRANTY SHALL BE OF NO EFFECT IF AT THE TIME OF SALE A DIFFERENT WARRANTY IS POSTED ON THE COMPANY'S WEBSITE, [WWW.VICON-SECURITY.COM](http://WWW.VICON-SECURITY.COM). IN THAT EVENT, THE TERMS OF THE POSTED WARRANTY SHALL APPLY EXCLUSIVELY.

## Notes

