

Installation & Operation Manual



V-20B-A-3 Pole Mounting Adapter

X532-12-00



Vicon Industries Inc. does not warrant that the functions contained in this equipment will meet your requirements or that the operation will be entirely error free or perform precisely as described in the documentation. This system has not been designed to be used in life-critical situations and must not be used for this purpose.

Document Number: 8009-8532-12-00 Product specifications subject to change without notice. Issued: 3/20 Copyright © 2020 Vicon Industries Inc. All rights reserved.

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Introduction

The information in this instruction manual covers the installation of the V-20B-A-3 Pole Mounting Adapter. This mount should only be installed by a qualified technician using approved materials and wiring practices in accordance with the National Electrical Code ANSI/NFPA 70, state, and local electrical codes. Read these instructions thoroughly before beginning an installation.

Model V-20B-A-3 Pole Mounting Adapter is a heavy-duty unit that accommodates Vicon's medium and heavy-duty wall mounts or a standard 1-1/2 inch standard pipe flange for outdoor installations. Designed to be installed on a pole with a minimum diameter of 4 inches (102 mm) and a maximum diameter of 10 inches (250 mm), the V-20B-A-3 with a wall mount attached can support a complete camera system, including a dome system or a pan-and-tilt drive and camera housing with camera, up to the load rating of the particular wall mount being used. Constructed of aluminum, the pole mounting adapter with an attached wall mount provides a sturdy installation that is capable of withstanding extreme weather conditions.

Installation

Unpacking and Inspection

All Vicon equipment is tested and inspected before leaving the factory. It is the carrier's responsibility to provide suitable delivery. Inspect the cartons upon delivery and, if damage is present, make detailed notes on the carrier's bill. Then, obtain the carrier agent's signature and file a damage claim as soon as possible.

Open the cartons and inspect the equipment for damage. Save the cartons and packing material. If damage is present, contact the carrier and file a damage claim immediately. If the equipment must be returned to Vicon for repair, follow the instructions in the Shipping Information Section of this manual.

Installation Preparation

Cabling for power, control, and video must be run to the installation site before the mount is installed.

Notes: Use stainless steel mounting hardware for units mounted outdoors.

Be certain that the area behind the selected mounting location is clear of obstacles such as wiring, pipes, etc. which would interfere with the mounting of the unit.

⚠ Caution: Mount this unit only to structural materials with sufficient strength to carry the weight of the unit.

Plate-to-Pole Installation Procedure

1. Insert the end of the band that does not have the clamp through the two (2) slots in the adapter plate.
2. Place the adapter plate in the desired location on the pole.
3. Slip the end of the band through the clamp until band is snug; tighten the screw on the clamp to secure it in place.
4. Repeat steps 1 and 3 for the remaining two (2) slots.

⚠ Caution: To maintain the integrity of the installation, Vicon recommends that all 3 straps be used on all installations.

Note: For poles larger than 10 in. (254 mm), use stainless steel solid strapping, minimum 0.50 in (13 mm) wide x 0.020 in. min thick in 3 places.

Select the appropriate cable access hole(s) provided in the pole adapter plate to route cabling to the camera station and insert the correct size liquid tight conduit fitting(s) into the hole. Plug any unused exposed holes with the plugs provided that enter a wall mount, particularly on installations including camera domes, to prevent debris or insects from entering the mount and camera station. Refer to the instruction manual for the wall mount and the equipment at the camera station for cabling instructions.

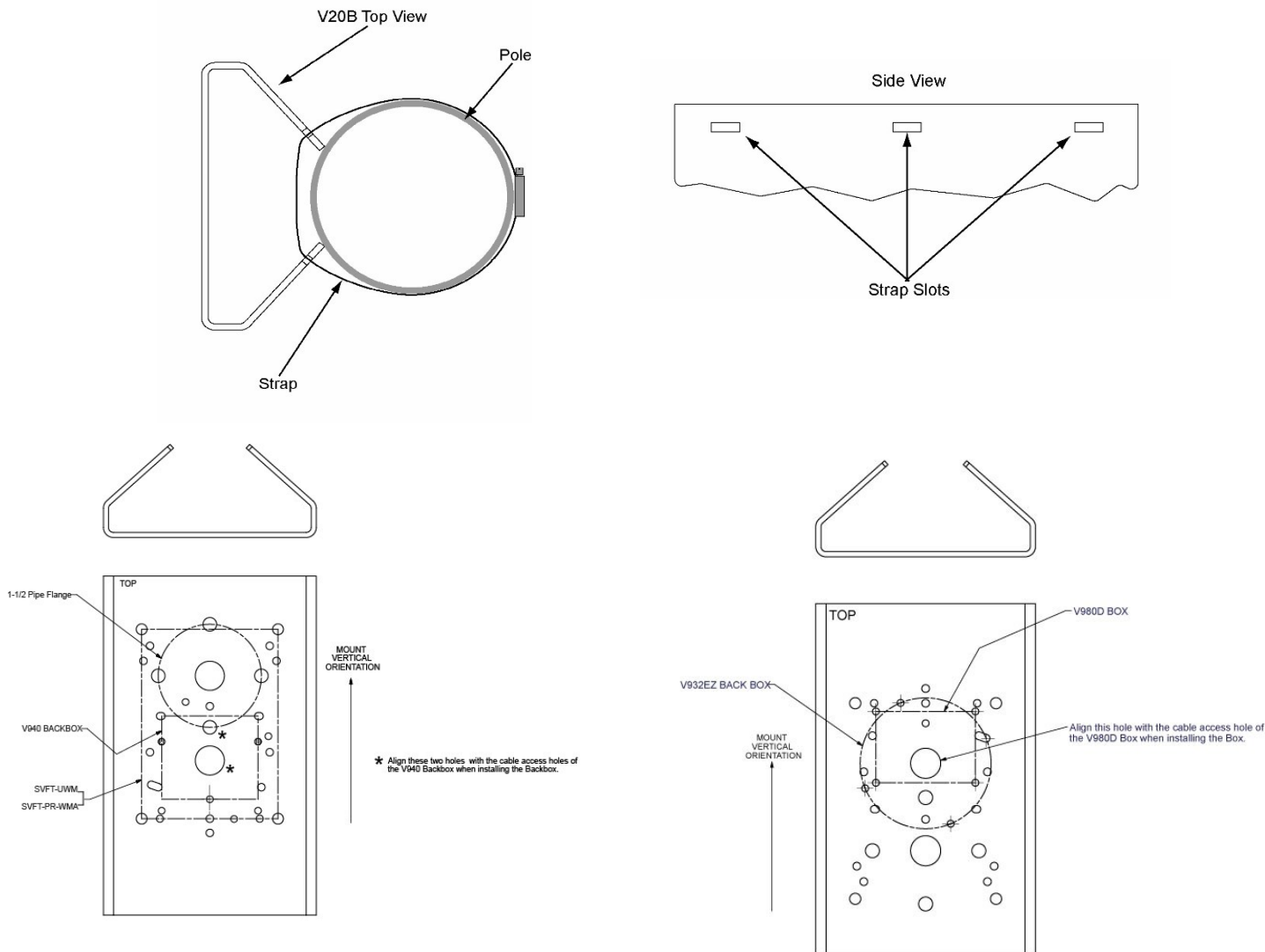
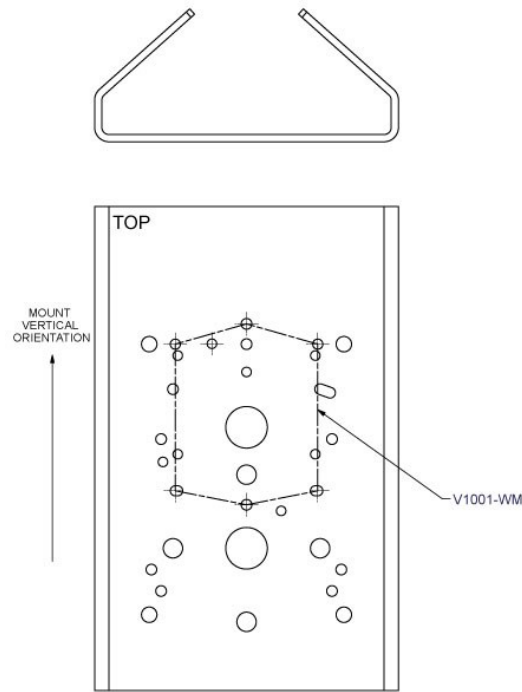


Figure 1
Pole Mounting Adapter Installation



**Figure 1 (cont'd)
Pole Mounting Adapter Installation**

Maintenance

The V-20B-A-3 Pole Mounting Adapter requires no maintenance.

Technical Information

MECHANICAL

Load Rating:	Depends on wall mount used.
Pole Diameter:	4 – 10 in. (102 – 250 mm).
Dimensions:	Height (H): 12.75 in. (324 mm). Width (W): 8.0 in. (203 mm). Depth (D): 3.5 in. (89 mm).
Weight:	3.7 lb (1.7 kg).
Construction:	Aluminum.
Finish:	Painted white polyurethane.

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. Access Control System Components: Two year from date of original retail purchase.
2. Uninterruptible Power Supplies: Two years from date of original retail purchase.
3. 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.
4. 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.
- 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 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 March 22, 2019.

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*. IN THAT EVENT, THE TERMS OF THE POSTED WARRANTY SHALL APPLY EXCLUSIVELY.



VICON INDUSTRIES INC.

For office locations, visit the website: vicon-security.com

