

XX138-10-04

**SURVEYORVFT**

**MODEL SVFT-UPM-1 OUTDOOR  
PARAPET MOUNT FOR SURVEYORVFT  
CAMERA DOME SYSTEMS**



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# Installation & Operation Manual





Dear Valued Customer:

Thank you for selecting Vicon systems and products for your video needs.

Since Vicon's beginning in 1967, our only business has been the design, engineering, and production of the highest quality video systems and equipment for use in a wide variety of security, safety, control, surveillance, and communication applications.

We stand behind the quality and dependability of every product with an industry leading Beneficial Use warranty.

If you are not satisfied with a Vicon product or service, I would like to know. Your complete satisfaction is the mission of every Vicon employee.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth M. Darby". The signature is fluid and cursive, with a large initial "K" and "D".

Kenneth M. Darby  
President

# Introduction

The information in this manual covers the installation, operation, and maintenance of the SVFT-UPM-1 Parapet Mount. This unit 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 codes. Read these instructions through completely before attempting installation. This mount has only been evaluated for use with UL Listed Vicon Camera Domes. Refer to the Listed Camera Dome's manual for compatibility.

The SVFT-UPM-1 is designed to allow the SurveyorVFT™ Camera Dome System to be mounted over a roof parapet or similar structure. The parapet mount provides a sturdy installation capable of withstanding extreme weather conditions. It allows the mounted equipment to be swiveled onto the roof for easy serviceability and adjustment.

## Installation

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### Installing the Mounts

The SVFT-UPM-1 Parapet Mount consists of the parapet mount neck, two wall bracket assemblies, a support bracket, a cap, pipe sealant tape and appropriate hardware. See Table 1. The hardware used to secure the brackets to the mounting surface must be supplied by the customer and appropriate for the type of mounting surface. For complete installation instructions for the SurveyorVFT, refer to the most recent version of instruction manual XX134.

**TABLE 1  
MOUNTING KIT COMPONENTS**

<b>Item No.</b>	<b>Component</b>	<b>Quantity</b>	<b>Function</b>
1	Wall bracket	2	Secures parapet mount to mounting surface
2	Wall bracket cover	2	Secures parapet mount in wall bracket
3	Support bracket	1	Secures bottom wall bracket
4	Cap	1	Closes off bottom of mount but allows cabling to be routed
5	5/16-18x1 in. screw	4	Secures wall bracket cover
6	5/16 lock washer	5	Secures items 5 and 8
7	5/16x5/8x0.062 flat washer	5	Secures items 5 and 8
8	5/16-18x3 in. bolt	1	Prevents parapet mount from spinning
9	5/16-18 nut	1	Secures item 8
10	Pipe sealant tape	1	Seals pipe thread
11	10-32 nylon tip set screw	1	Secures dome, optional

**Note:** *The SVFT-UPM-1 is designed to support the weight of the SurveyorVFT Camera Dome. Refer to the appropriate product specifications for the weights of these dome systems. Be sure that the mount is installed in a location that can support the load. There should be a minimum parapet height of 18 inches (460 mm).*

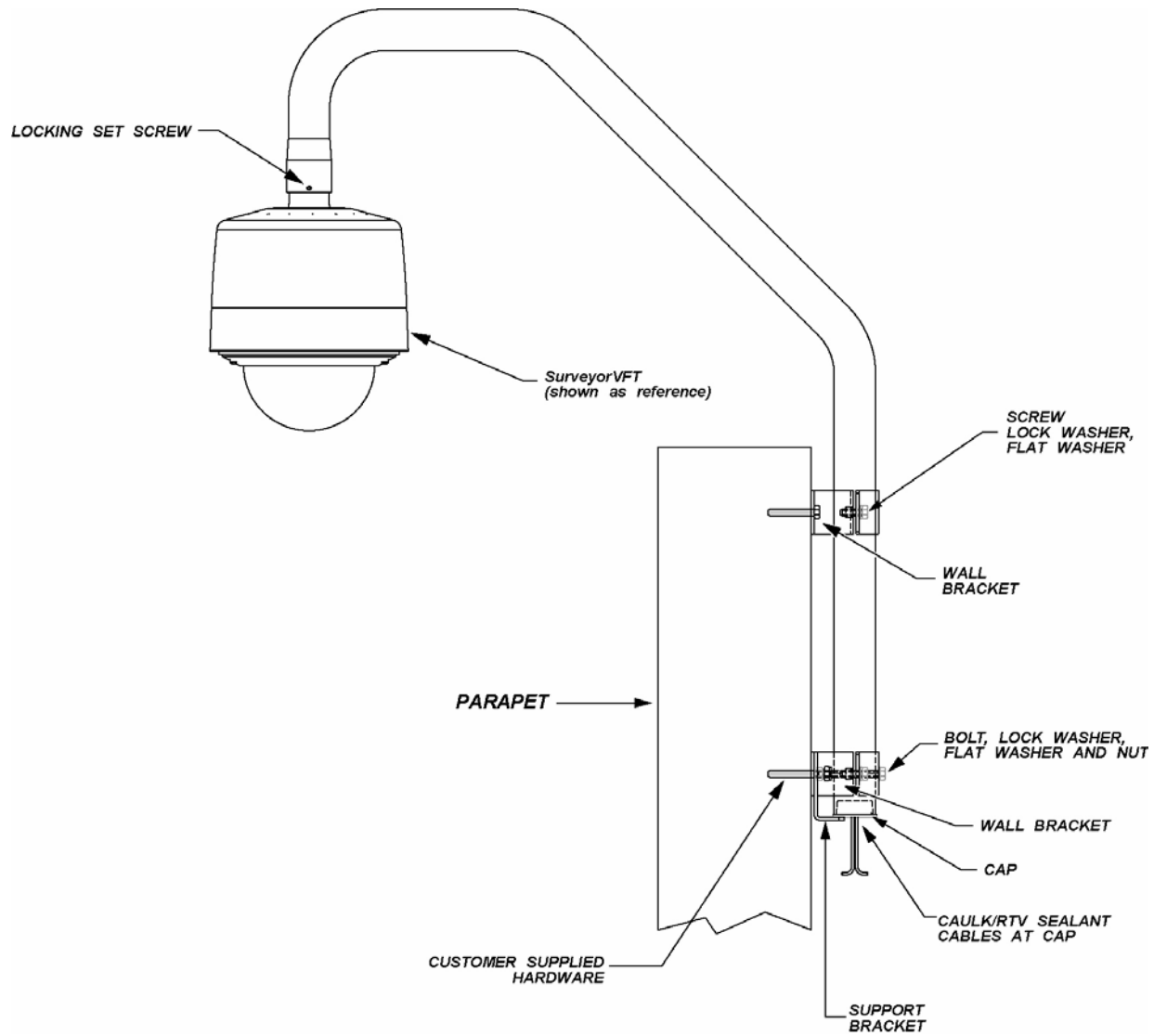
**Note:** *For outdoor installations, it is recommended that stainless steel hardware be used. All mounting hardware MUST have minimum pullout strength of 600 lb (272 kg) per bolt. When mounting to wood, use screws long enough to penetrate at least 2.5 inches (64 mm). If mounting to a steel structure, drill holes according to the mounting pattern. Screws should be long enough to accommodate lock washers and nuts. In masonry or concrete, use lead anchors or expansion bolts installed according to the manufacturer's instructions.*

**⚠ Caution:** *Never mount the brackets directly into the end grain of wood.*

Before beginning installation of the parapet mount, run all necessary cabling to the location selected for the installation. Cables are routed up through the mount to the dome system.

1. Attach one wall bracket and the support bracket to the parapet surface using appropriate hardware for the material of the parapet. Be sure that the wall bracket is against the parapet surface and the support bracket is on top of the wall bracket, with the stop on the support bracket facing out from the parapet. Refer to Figure 1.
2. Attach the second wall bracket to the parapet in the selected location, using appropriate hardware. The suggested minimum distance between the wall brackets is 12.0 inches (305 mm).
3. Insert the cap supplied into the bottom opening of the parapet mount.
4. Place the parapet mount in the cutout contour of the wall brackets, align the wall bracket covers and secure with the 5/16-18 x 1 inch screws, lock washers and flat washers supplied. To prevent the parapet mount from spinning, secure it to the bottom wall bracket through the hole in the mount with the 5/16-18x3 inch bolt, lock washer, flat washer, and nut provided.
5. Route the cables through the cap and up the mount to where the dome system is installed. Apply caulk or RTV sealant around entrance opening in cap.
6. Install the SurveyorVFT housing. Screw the housing directly onto the parapet mount. Use the pipe sealant tape to secure the fit and make it watertight. Refer to the instruction manual for installation of the domed housing for specific installation instructions.
7. To swivel the dome system out over the parapet, loosen the bolts just enough to allow movement and position the unit. Tighten the bolts to secure the mount into position.
8. For high vandalism areas, lock the dome with the soft tip set screw supplied.

**Note:** *If the optional 5/16-18 x 3 inch bolt was installed, it must be removed to swivel the unit.*



**Figure 1**  
**SVFT-UPM-1 Installation**

# Operation

To swivel the mount in from the parapet for access to the dome system, loosen the bolts enough to allow movement. Swing the unit in from the parapet. Tighten the bolts. After servicing or adjustment is complete, loosen the bolts, position the mount, and tighten bolts.

# Maintenance

The SVFT-UPM-1 Parapet Mount requires no maintenance.

# 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.  
89 Arkay Drive  
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 (U.K.) Ltd  
Brunel Way  
Fareham, PO15 5TX  
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.

# Technical Information

## MECHANICAL

**Load Rating:** Accommodates the SurveyorVFT Camera Dome System.

**Dimensions:** Height: 37 in. (940 mm).  
Width: 27 in. (686 mm).

**Construction:** Mount: aluminum pipe, 1.9 in. (48 mm) O.D.  
Braces and supports: steel.  
Hardware: stainless steel.

**Finish:** White paint.

## ENVIRONMENTAL

Not evaluated by UL

**Wind:** Withstands winds up to 80 mph.



# 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. Monitors, all models: One year from date of original retail purchase.
2. Uninterruptible Power Supplies: Two years from date of original retail purchase.
3. VDR-700 Recorder Series: One year from date of original retail purchase.
4. V5616MUX: One year from date of original retail purchase.
5. Arecont Cameras: One year from date of original retail purchase.
6. FMC series fiber-optic media converters and associated accessories: Lifetime warranty.
7. 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.
8. Any product sold as "special" or not listed in Vicon's commercial price list: One year from date of original retail purchase.

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.

The Company will not be obligated to repair or replace equipment showing abuse or damage, or to parts which in the judgment of the Company are not defective, or any equipment which may have been tampered with, altered, misused, or been subject to unauthorized repair.

**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.**

**This Warranty is in lieu of all other conditions and warranties express or implied as to the Goods, including any warranty of merchantability or fitness and the remedy specified in this Warranty is in lieu of all other remedies available to the Purchaser.**

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 May 4, 2012.

**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.**

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