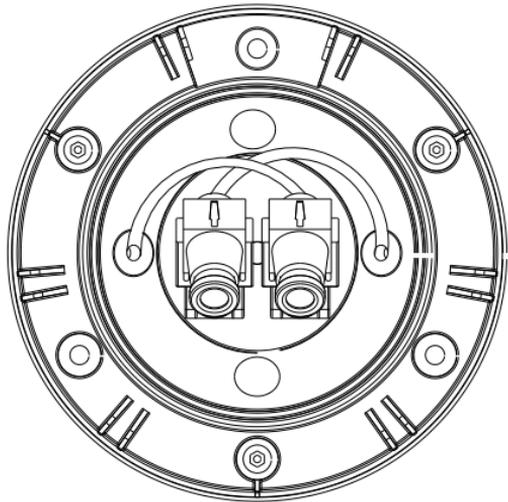


M12

UNIVERSAL SURVEILLANCE



Installation Guide

SILENT WITNESS[®]

Securing your world

Unpacking

Check that the following items are in the box:

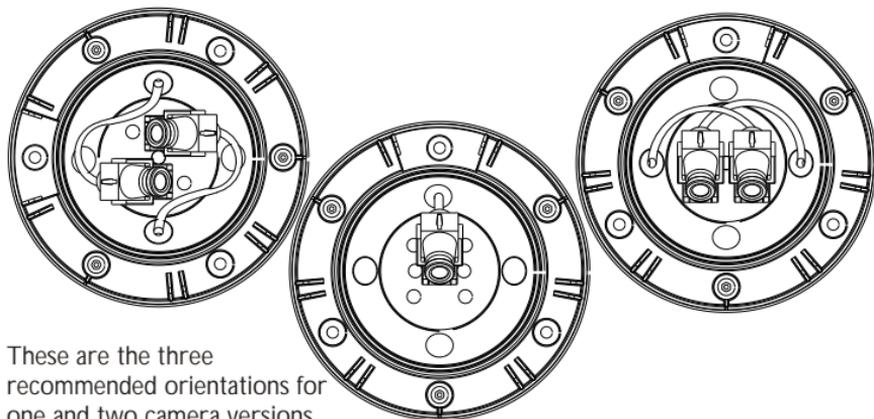
- One M12 Enclosure containing one or two cameras
- One or two VA100 video adapter(s)
- One or two BNC-RCA adapter(s)
- One or two barrel connectors with leads
- One DC power supply (optional)
- One or two lens packs (optional)
- One warranty card
- One hardware kit
- One mounting template

Installation

Mounting the Base

Note The M12 is designed for indoor use only.

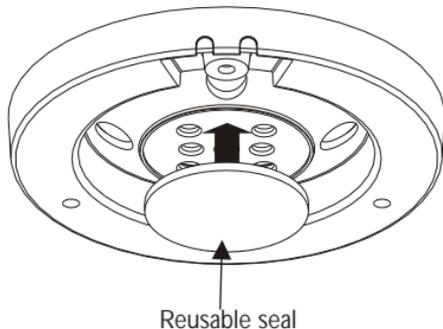
1. Position mounting template (supplied) on the wall or ceiling in desired location.
2. Drill cable exit and mounting holes following the outline on the template.
3. Position the cameras in the desired orientation (see image below).



These are the three recommended orientations for one and two camera versions.

4. Seal the base as shown below.

Base Seal



5. Mount the base onto the wall or ceiling using three mounting screws appropriate to your installation.

Lens Options

Single Lens

Your camera comes with either a 2.5, 4, 6, or 12 mm MID lens. Contact Silent Witness Enterprises for extra lenses.

Aiming and Focusing

1. Point the camera(s) in the general direction of the viewing area (see page 1 for recommended orientation).
2. Place the cover on the base and check the video picture with a monitor.
3. To correct the focus, rotate the lens clockwise or counterclockwise, then place the cover on again to check video output. Repeat if necessary.
4. Assemble the cover on the base.

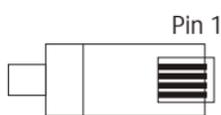
Routine Maintenance

Caution Use regular cleaners to remove most substances from the dome. Harsh or abrasive cleaners can reduce visibility of the camera.

Connectors

RJ-11 Modular Connector Pin Assignments

CAUTION Do not exceed 6VDC directly to the RJ-11 connector.



<u>Pin</u>	<u>Color</u>	<u>Function</u>
1	Red	+DC in (+6VDC)
2	Black	Power Ground
3	Blue	Video Ground
4	White	Composite Video

VA-100 Video Adapter Accessory

Description

Splits video and power signals from cameras that have an RJ-11 Telco style modular connector. Regulates input power from +6 to +15VDC input and provides +6VDC to camera.

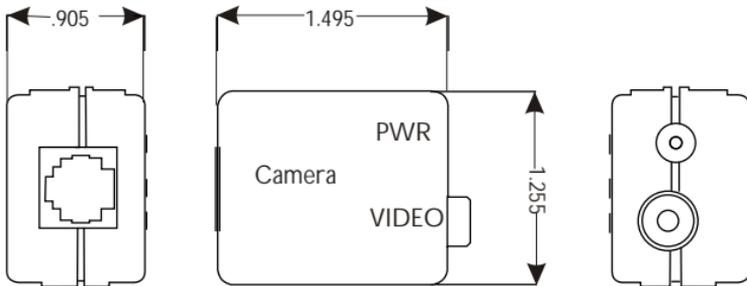
VA-100 Video Adapter Accessory - con't

Connectors

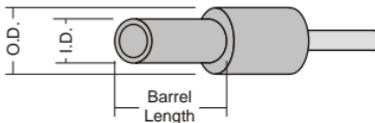
Camera:	RJ-11 modular style receptacle
Video:	Female RCA composite video output
Power:	5.5 mm OD/2.1 mm ID barrel connector Center positive

Power Requirement

Always use a class 2 rated transformer
Requires +6VDC to +15VDC input



Power Pack Barrel Connector Specifications



Inner Barrel (+) 6VDC to 15VDC unregulated, 2.1 mm I.D.
Outer Barrel (-), 5.5 mm O.D.
Barrel Length, 12 mm

Note The lead with white stripe is positive.

Service

Subject to the terms and conditions listed on the Product Warranty Card, during the warranty period, Silent Witness will repair or replace, at its sole option, free of charge, any defective products returned prepaid.

In the event you have a problem with any Silent Witness product, please call the Service Department for assistance or to request a Return Authorization (RA) number.

In the U.S.A. and Canada, call 1.800.893.9513
Or call 1.604.574.1523

Be sure to have the model number, serial number and the nature of the problem available for the technical service representative.

Prior authorization must be obtained for all returns, exchanges, or credits. Items shipped to Silent Witness without a clearly identified Return Authorization (RA) number may be refused.

Regulatory Notices

FCC Statement (U.S.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.

Industry Canada Notice

This digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique respecte toutes les exigences du Règlement sur la matériel brouilleur du Canada.

CE

The CE mark on the product indicates that the system has been tested to and conforms with the provisions noted within the 89/336/EEC Electromagnetic Compatibility Directive.

SILENT WITNESS®

Securing your world

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