

VIP Camera Assembly

Hybrid Day/Night, Monochrome/Color Camera



The Traficon VIP Camera Assembly is the “eye” of the Traficon “VIP” Video Detection System.

Housed in an extruded aluminum, weatherproof IP68/NEMA-6P enclosure, the Traficon camera provides clear, high resolution video in all weather conditions. Located in the front of the housing, an integrated heater minimizes fogging of the housing window in high humidity areas as well as freezing in cold conditions.

The sunshield extends beyond the front of the housing window to reduce the effects of sunlight & heat and also acts as a diversion for water.

The hybrid camera* and lens utilize the latest imager chip sets to reduce blooming from vehicle headlights at night. The camera provides color video during daylight conditions but intelligently switches to Black & White mode during nighttime conditions when a B&W images is more suitable for video detection.

The most popular feature of the assembly is the integrated junction box. The junction box ships as a standard option and already contains video, power and zoom/focus lens control wiring. Installers simply run our Siamese cable from the cabinet and terminate the connections inside the junction box.

The entire assembly ships with the housing, camera/lens, pan/tilt bracket, junction box and camera wiring. It attaches to standard Pelco AB-2003 tubes & SH-0503/0504 mounting assemblies.

Warranty period- 36 months from date of shipment.



*All-monochrome cameras also available)

VIP Camera Assembly



Camera Specifications

Image Sensor:

Interline 1/3" Sony ExView
HAD CCD™

Effective Pixels:

768 (H) X 494 (V)

Horizontal Resolution:

460 TV Lines

Illumination:

0.05 lux to 10,000 lux.
Color change to B&W- 1 lux

Temperature Range:

-34°C to +60°C, 0 to 100%
relative humidity, non-
condensing

Lens Specifications-

Image Format:

1/3"

Focal Length:

Motorized- 6.5mm to 65mm
(40.5° to 4.2°)

Iris:

F1.4 to 360

Junction Box Specifications-

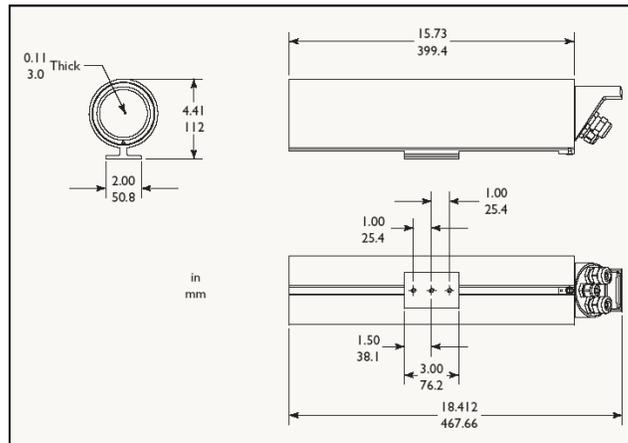
Construction:

Rigid PVC, certified to
NEMA 1, 2, 3, 4, 4x, 6P, 12,
13
UL514B- UL514C

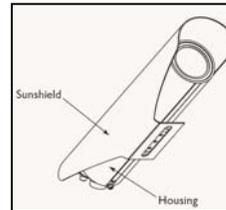
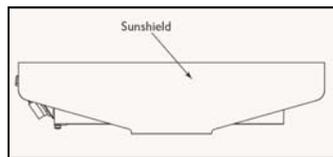
Connections:

Female BNC & 5-conductor,
(shipped with assembly in-
side the junction box)

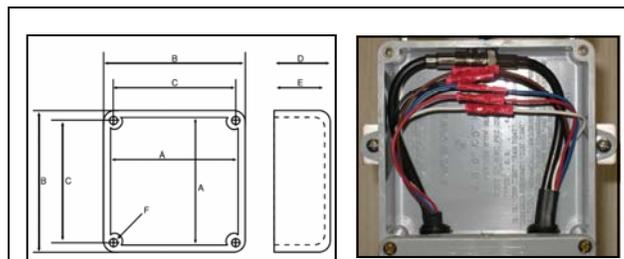
Camera Housing Dimensions



Sunshield



Junction Box Dimensions



Part Number	Product Code	A (inches)	B (inches)	C (inches)	D (inches)	E (inches)	F (inches)	Volume (in. ³)
JB552	077670	4.680	5.000	4.485	2.000	1.845	8-32	40.0

Zoom lens control at the cabinet!

When using our standard "Siamese" video & coaxial cable, the camera's motorized zoom lens can be controlled from the convenience and safety of the traffic control cabinet.



Pictured: Siamese Cable & CT Zoom Lens Controller

Housing Specifications

Construction:

Extruded aluminum housing,
aluminum rear-end cap,
aluminum front cap with
glass faceplate, and alumi-
num cradle

Mounting:

Three (3) 1/4-20 tapped
holes. Cradle may be ro-
tated through 360°

Window:

0.118" (3 mm) thick glass.
Includes thermostatically-
controller window heater/
defogger

Temperature Range:

-34°C to +60°C, 0 to 100%
relative humidity, non-
condensing

Cable Entry:

Three liquid-tight fittings

Salt Atmosphere:

MIL-STD-810E, Method
509, Procedure I

Enclosure Protection:

IP68, Designed to meet
NEMA-6P

Power:

115 VAC, 50/60 Hz
30 W (Heater requires 10
watts)

Sunshield:

Provides protection from the
direct rays of the sun and
promotes cooling to reduce
internal housing tempera-
tures