

# VIP Camera Assembly

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 monochrome camera\* and lens utilize the latest imager chip sets to reduce blooming from vehicle headlights at night. The lens is motorized and ranges from 6.5mm to 65mm. Wider lenses are also available.

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.

\*Day/Night, Color/Monochrome hybrid cameras also available)



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## Camera Specifications

**Image Sensor:**  
Interline 1/3" Sony  
Super HAD CCD™

**Effective Pixels:**  
768 (H) X 494 (V)

**Horizontal Resolution:**  
580 TV Lines

**Illumination:**  
0.05 lux to 10,000 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°)

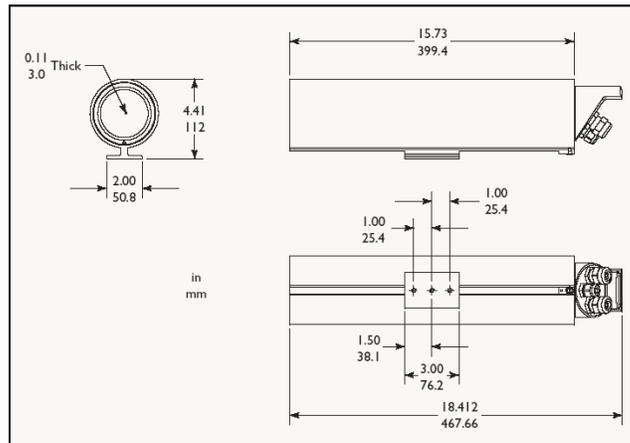
**Iris:**  
F1.4 to 360

## Junction Box Specifications-

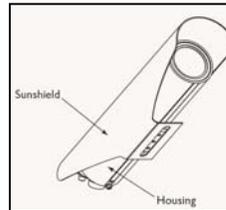
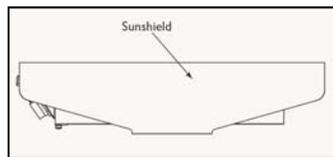
**Construction:**  
Rigid PVC, certified to  
NEMA 1, 2, 3, 4, 4x, 6P,  
12, 13  
UL514B- UL514C

**Connections:**  
Female BNC & 5-  
conductor, (shipped with  
assembly inside the junc-  
tion box)

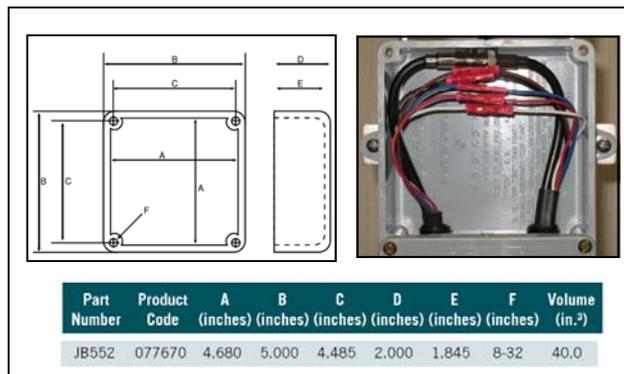
## Camera Housing Dimensions



## Sunshield



## Junction Box Dimensions



## 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 hous-  
ing, 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  
13 Watts (Includes 4 Watt  
Heater)

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