

V1407 Series

Indoor/Outdoor Large Camera Housing

Infinova[®]
The Integrator's Manufacturer



- **Indoor/outdoor installations with fixed mount or pan/tilt**
- **Die-cast aluminum**
- **Front opening top cover with pneumatic strut**
- **Two ports for cable glands on the housing bottom**
- **Side lock-in latch connection**
- **IP66 standard**
- **Easy installation and maintenance**
- **Optional blower, heater, sunshield and wiper**

V1407 series are large camera housings for both indoor and outdoor applications. The V1407 series are made of die-cast aluminum and meets the requirements of even the most demanding CCTV projects. All V1407 series housings can accommodate cameras with either fixed or vari-focal lenses. The housing cover can be opened through side latches. When the top cover is completely open, a unique pneumatic strut will support the cover, allowing easy access to the interior. There are two adjustable cable glands on the bottom of the housing for easy installation of power supply and video cable. There are one (V1407-16) or two (V1407-22) lock-in latches on both sides of the housing. A padlock (not provided) can be used to secure the latching system to provide enhanced access security. The V1407 series have an optional set of accessories which can be installed at the factory, including sunshield, heater, fan and rain wiper. Input power is available at 24 VAC. The V1407 series can be installed on either fixed mounts or pan/tilts.

Technical specifications

Electrical	
Input Voltage	24 VAC, 50/60 Hz
Power Consumption	Blower: 8 W; Heater: 36 W; Window Wiper: 5 W
Physical	
Camera Mounting	The camera supporting board is removable and can be installed upside-down.
Internal Usable Dimensions (L×W ×H)	V1407-16: 15.75"×7.87"×5.12" (400mm×200mm×130mm) V1407-22: 21.77"×7.87"×5.12" (553mm×200mm×130mm)
Window Thickness	0.16" (4 mm)
Window Dimensions (W×H)	5.28"×4.25" (134 mm×108 mm)
Cable Input	Two compressed cable clamps with a maximum diameter of 0.48" (12 mm) are located on the bottom of the housing
Lock-in Latch	Stainless steel; padlock (not included) can also be used to secure

Construction	Die-cast aluminum
Unit Weight	V1407-16: 14.33 lbs. (6.5 kg); V1407-22: 15.43 lbs. (7.0 kg)
Shipping Weight	V1407-16: 16.53 lbs. (7.5 kg); V1407-22: 17.64 lbs. (8 kg)
Environmental	
Auto Controlled Temperature	Heater: Turns on at 46°F ± 9°F (8°C ± 5°C); Turns off at 68°F ± 9°F (20°C ± 5°C) Blower: Turns on at 99°F ± 9°F (37°C ± 5°C); Turns off at 68°F ± 9°F (20°C ± 5°C)
Environment	Indoor/outdoor
Operating Temperature	23°F ~140°F (-5°C ~ 60°C); -13°F ~140°F (-25°C ~ 60°C) (w/ heater)

Certifications and Approval

Product Certifications IP66¹, IK10², CE, ISO 9001: 2008

Certificate No.: ¹ TRS15070213; ² ES150807004RE.

Ordering information

V1407-16	Camera housing, indoor/outdoor, 16 inch internal, pneumatic supporting lid
V1407-16S	Camera housing, indoor/outdoor, 16 inch internal, pneumatic supporting lid, w/ sun shield
V1407-16SHB	Camera housing, indoor/outdoor, 16 inch internal, pneumatic supporting lid, w/ sun shield, heater & blower, 24 VAC
V1407-22	Camera housing, indoor/outdoor, 22 inch internal, pneumatic supporting lid
V1407-22S	Camera housing, indoor/outdoor, 22 inch internal, pneumatic supporting lid, w/ sun shield
V1407-22SHB	Camera housing, indoor/outdoor, 22 inch internal, pneumatic supporting lid, w/ sun shield, heater & blower, 24 VAC
V1407W	Wiper for V1407 camera housing, 24 VAC

Recommended Installation Mounts

Wall mount

V1573	Mount Adapter, Adds H/V adjustability to V1572-W Wall Mount for housing (V1405, V1406, V1407), 44.09 lbs. (20 kg) load
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