

NETWORK CAMERA HOUSING

Vandal Housing with Integrated PoE Power Management



The HPOE-100 is an outdoor housing that has a built in PoE management system which is purpose built for network box cameras. The vandalproof housing is augmented with integrated IR LEDs that have a maximum effective range of 163 ft/50m, as well as a heater and blower that permit low temperature operation of electronics to -58° F (-50° C).

The power management module takes the power and data sent over the Cat5 cable and distributes it to the other devices. The built-in high efficiency DC to DC converter provides a regulated low ripple and low noise 12 VDC output to an accessory device.

The housing includes a built-in PoE power module that supplies 30W PoE+. A PoE injector option is available that provides extra power when the housing heater, defogger, IR LEDs, fan and the power required for the camera are all used; when the heater is not used, the built-in power module is adequate. Additionally, a media converter option is available that is compatible with standard fiber optic SFP transceiver modules. A pole mount adapter is also available for convenient mounting of the housing. Refer to the Ordering Information table for details.

Product at a Glance

- ▶ Aluminum Housing (IK10)
- ▶ Waterproof (IP66)
- ▶ IR LEDs (163 ft/50m range)
- ▶ Tempered glass with D-fog heater
- ▶ Integrated heater and fan
- ▶ Housing powered from UPoE (60W max)
- ▶ Power management module distributes PoE/12VDC to different components inside housing
- ▶ PoE output 60W maximum
- ▶ Compatible with IEEE 802.3at
- ▶ Designed specifically for network cameras

Ordering Information

Description	Model Number
IP Camera Outdoor Housing: IR LEDs, 163 ft/50m; defog heater, heater, fan; PoE+ power input; cable management bracket.	HPOE-100
Options	
Midspan Gigabit PoE Injector: PoE output, 70W (increases HPOE-100 to 60W output); input 100-240 VAC. Required for additional power when heater is used.	HPOE-70W-INJECT
Media Converter: compatible with standard fiber optic SFP transceiver modules (sold separately).	HPOE-MEDIA-SC
Pole Mount Adapter: fits 2.75 - 9 in. (70-230 m) diameter poles.	HPOE-PA



HPOE-100 Series

SPECIFICATIONS

Electrical	
Power Input:	60W PoE IEEE 802.3at
Power Output:	30 W (60 W with HPOE-70W-INJECT); 12 VDC/PoE
Heater:	59° F (15° C) On; 77° F (25° C) Off (10 W)
Defog Heater:	Always On (9 W)
Fan:	59° F (15° C) On; 77° F (25° C) Off (10 W)
IR LEDs:	3 W; 163 ft (50 m) range

Mechanical	
Construction:	Die-cast aluminum alloy
Viewing Window:	Tempered glass
Coating:	White epoxy powder coating
External Dimensions:	6.7 in. (171 mm) (W) x 10.1 in. (256 mm) (H), 18.2 in. (462.7 mm) (L)
Internal Dimensions:	4.3 in. (110 mm) (W) x 3.0 in. (75 mm) (H), 8.7 in. (220 mm) (L)
Weight:	6.1 lb (2.8 kg)

Environmental	
Operating Temperature:	-58° F - 140° F (-50 °C - 60° C)
Approvals:	Weatherproof: IP66/68; Vandalproof: IK10
Warranty:	3 years

Housing Dimensions (mm)

