

### MAIN FEATURES

Indoor/outdoor

For large lenses

Built-in aluminium and epoxy powder painted

Weatherproof Standard IP66/IP67

Wide range of accessories available

### DESCRIPTION

The internal dimensions of this housing are suitable for several cameras equipped with a wide range of lenses.

The body is constructed from extruded aluminium and the end-cover plates of die-cast aluminium. The weatherproof feature is maintained by two EPDM-rubber end gaskets between cover plates, and three cable glands.

The opening system allows an easy access for installation and servicing.

A wide range of accessories is available: heater kit, normal or reinforced for temperatures down to  $-50^{\circ}\text{C}$  ( $-58^{\circ}\text{F}$ ), blower, camera power supply, weatherproof junction box, wiper and washer.

The housing can be also equipped with connectors for an easy on-site replacement and installation on Pan & Tilt heads.

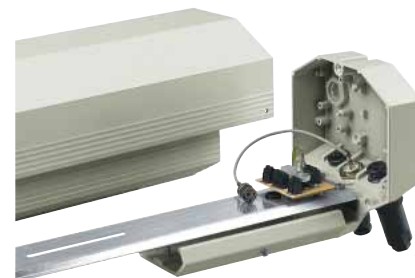
It can be installed with cable sheaths, instead of regular cable glands using the junction box for the wiring harness.

A specific version with a very efficient cooling system is available for installation with IP cameras and for high environmental temperature.

The HEG housing can be utilized for a variety of applications, such as traffic and highway monitoring, particularly if coupled with the Pan & Tilt PTH900 series.



HEG



MOD. 036



MOD. 036

→ VERSION FOR THERMAL IMAGING CAMERAS AVAILABLE: HTG  135

## TECHNICAL DATA

### GENERAL

Aluminium back and front cover plates  
 Extruded aluminium body and external slide  
 Epoxypolyester powder painting, RAL9002 colour  
 Stainless steel external screws  
 Supplied with instruction manual, desiccant bag, accessories for camera and lens mounting

### MECHANICAL

3xM16 cable glands  
 Glass window (WxH): 94x80mm (3.7x3.1in)  
 Internal usable area (WxH): 134x88mm (5.1x3.5in)  
 Internal usable area with double or triple heater (WxH): 100x88mm (3.9x3.5in)  
 Internal usable length without accessories  
 HEG47 450mm (17.7in)  
 Internal usable length with accessories  
 HEG37 273mm (10.8in)  
 HEG47 363mm (14.3in)

### ELECTRICAL

Heater Ton 15°C±3°C (59°F±5°F) Toff 22°C±3°C (71°F±5°F)  
 • IN 12Vdc/24Vac, consumption 20W max  
 • IN 115/230Vac, consumption 40W max  
 • IN 115/230Vac, double heater, consumption 80W max  
 • IN 115/230Vac, fan assisted triple heater, consumption 120W + 4W max  
 Blower with thermostat Ton 35°C±3°C (95°F±5°F) Toff 20°C±3°C (71°F±5°F) for version with double filter  
 • IN 12Vdc, consumption 4W max  
 • IN 24Vac, consumption 4W max  
 Camera power supply  
 • IN 100-240Vac - OUT 12Vdc, 50/60 Hz, 1A  
 • IN 230Vac - OUT 24Vac, 50/60Hz, 400mA

### ENVIRONMENT

Indoor / Outdoor  
 Operating temperature with heater: -20°C / +60°C (-4°F / +140°F)  
 Operating temperature with double heater: -40°C / +60°C (-40°F / +140°F)  
 Operating temperature with triple heater: -50°C / +60°C (-58°F / +140°F)  
 Resistant to salty fog until 1000 hours (according to ISO9227)

### CERTIFICATIONS

**HEG**  
 CE EN61000-6-3, EN60065, EN50130-4  
 IP66/IP67 EN60529 with cable glands  
 IP44 EN60529 with cooling blower and double filter

### VIP6A

CE EN61000-6-3, EN60065, EN50130-4  
 IP66 EN60529

### ACCESSORIES

OHEGS37A000	Sunshield for HEG37
OHEGS47A000	Sunshield for HEG47
OHEH24B	Heater 115/230Vac
OHEH25B	Heater 12Vdc/24Vac
OHEPS19B	Wide range camera power supply IN 100-240Vac - OUT 12Vdc, 1A
OHEPS20	Camera power supply IN 230Vac - OUT 24Vac, 400mA
OHEGBPS1B	Wide range camera power supply IN 100-240Vac - OUT 12Vdc in weatherproof box, 1A
OHEGBPS2B	Camera power supply IN 230Vac - OUT 24Vac in weatherproof box, 400mA
OBKFIL	Replacement filter kit for double filter housings
OHEGBB	Weatherproof junction box, IP55
VIP6A1	Wiper kit 230Vac
VIP6A2	Wiper kit 24Vac
VIP5WAS01	Tank 5l (1,32gal) (1,32gal), 230Vac washer pump
VIP5WAS02	Tank 5l (1,32gal) (1,32gal), 24Vac washer pump
VIP23WAS01	Tank 23l (6gal), 230Vac washer pump
VIP23WAS02	Tank 23l (6gal), 24Vac washer pump
VIP23WASA01	Tank 23l (6gal), 230Vac washer pump, high delivery up 30m (98ft)
UPTWAS01C	Tank 23l (6gal), IN 230Vac washer pump (prearranged for DTWRX board)
UPTWAS02C	Tank 23l (6gal), IN 24Vac washer pump (prearranged for DTWRX board)
UPTWAS03C	Tank 23l (6gal), IN 120Vac washer pump (prearranged for DTWRX board)
UPTWASA01C	Tank 23l (6gal), IN 230Vac washer pump, high delivery up 30m (98ft) (prearranged for DTWRX board)
UPTWASA03C	Tank 23l (6gal), IN 120Vac washer pump, high delivery up 30m (98ft) (prearranged for DTWRX board)
DTWRX	Optional board for remote control of wiper and washer pump of the UPTWAS series
IRBA	Bracket for mounting 2 IR50 infrared illuminators (not compatible with double filter housing)
OSUPPIR	Bracket for mounting 1 IR50/IRBD infrared illuminator

### BRACKETS AND ADAPTORS

WBJA	Wall bracket with ball joint
WCMSA	Ceiling bracket with ball joint
WFWCA	Column mount with ball joint

### RELATED PRODUCTS

PTH900	Pan&Tilt series
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### SPARE PARTS

DOTHE01	Spacers for camera and lens
OHEGNMAN	Cable glands, gaskets and screws kit
OHEGFA04	Front cover with screws and gaskets
OHEGFN04	Back cover with screws and gaskets

### PACKAGE

Code	Unit weight		Package weight		Package dimensions (WxHxL)		Master carton
	kg	lb	kg	lb	cm	in	unit
HEG37K	4.1	9.0	4.5	9.9	19.5x20x52.5	7.7x7.8x20.6	8
HEG47K	4.7	10.3	5.3	11.7	19.5x20x62.0	7.7x7.8x24.4	6

AVAILABLE MODELS										
Code	Sunshield	Heater 115/230Vac	Heater 12Vdc/24Vac	24Vac blower with double air exchange filter	24Vac blower with double air exchange filter	PS IN 100/240Vac, OUT 12Vdc, 1A for blower with double air exchange filter	Connectors 3+1 and 6+1, connector BMC	Double heater 115/230Vac	Triple fan assisted heater 115/230Vac	Max consumption
HEG37D0A000										
HEG37K0A000	•									
HEG37K0A016	•				•					4W
HEG37K0A017	•			•						4W
HEG37K1A000	•	•								40W
HEG37K1A018	•	•				•				44W
HEG37K1A074	•							•		80W
HEG37K1A143	•								•	124W
HEG37K2A000	•		•							20W
HEG37K2A016	•		•		•					24W
HEG37K2A017	•		•	•						24W
HEG47D0A000										
HEG47K0A000	•									
HEG47K0A016	•				•					4W
HEG47K0A017	•			•						4W
HEG47K1A000	•	•								40W
HEG47K1A018	•	•				•				44W
HEG47K1A036	•	•					•			40W
HEG47K1A074	•							•		80W
HEG47K1A143	•								•	124W
HEG47K2A000	•		•							20W
HEG47K2A016	•		•		•					24W
HEG47K2A017	•		•	•						24W
HEG47K2A036	•		•				•			20W

