# HEG

## LARGE-SIZED ALUMINIUM CAMERA HOUSING

**VIDEOTEC**

IP66 | IP67 | (heater icon) | (wiper icon)





HEG + VIP6A

## DESCRIPTION

Robust and large aluminium housing designed to fit 1/2", 1/3" and 1/4"cameras, with different types of optics.

It can be used for a variety of applications, for the monitoring of urban and highways.

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

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

A wide range of accessories for mounting the equipment is available thereby satisfying all installation needs.

## MAIN FEATURES

For large lenses

IP66/IP67

Slide extractable body

Version available with a very efficient cooling system for installation with IP cameras and for high environmental temperature

Versions with reinforced double heater (down to -40°C(-40°F) or triple (down to -50°C (-58°F))

Available accessories: heater, camera power supply, wiper, washer pump

## TECHNICAL DATA

### GENERAL

Constructed from aluminium

Epoxypolyester powder painting, RAL9002 colour

Stainless steel external screws

### MECHANICAL

Internal usable area

- Empty version: 134x88mm (5.3x3.4in)
- Version with double or triple heater : 112x88mm (4.4x3.5in)

Internal usable length (without accessories)

- HEG37: 365mm (14.3in)
- HEG47: 450mm (18in)

Internal usable length (with accessories):

- HEG37: 273mm (10.7in)
- HEG47: 363mm (14in)

Cable glands: 3xM16

Glass window extra clear

- Dimensions (WxH): 94x80mm (3.7x3.1in)

Unit weight

- HEG37: 4.1kg (9lb)
- HEG47: 4.7kg (10.3lb)

### ELECTRICAL

Supply voltage/Current consumption (version with heater, Ton 15°C±3°C (59°F ±5°F), Toff 22°C±3°C (72°F±5°F)):

- 12Vdc, 1.6A max
- 24Vac, 0.85A max, 50/60Hz
- 120Vac, 0.35A max, 50/60Hz
- 230Vac, 0.18A max, 50/60Hz

Supply voltage/Current consumption (version with double heater, Ton 15°C±3°C (59°F ±5°F), Toff 22°C±3°C (72°F±5°F)):

- 120Vac, 0.7A max, 50/60Hz
- 230Vac, 0.35A max, 50/60Hz

Supply voltage/Current consumption (version with triple heater, continuous duty fan , Ton 15°C±3°C (59°F ±5°F), Toff 22°C±3°C (72°F±5°F)):

- 120Vac, 1A max, 50/60Hz
- 230Vac, 0.52A max, 50/60Hz

Supply voltage/Current consumption (version with heater, blower and thermostat for models with double filter for air renewal, Ton 35°C±3°C (95°F±5°F), Toff 20°C±3°C (71°F±5°F)):

- 24Vac, 1A max, 50/60Hz
- 120Vac, 0.37A max, 50/60Hz
- 230Vac, 0.19A max, 50/60Hz

Camera power supply:

- IN from 100Vac up to 240Vac, 50/60Hz - OUT 12Vdc, 1.25A
- IN 230Vac, 50Hz - OUT 24Vac, 50Hz, 400mA

### ENVIRONMENT

For indoors and outdoors installation

Operating temperature with heating: from -20°C (-4°F) up to +60°C (140°F)

Operating temperature with double heater: from -40°C (-40°F) up to +60°C (140°F)

Operating temperature with triple heater: from -50°C (-58°F) up to +60°C (140°F)

Relative humidity: from 5% up to 95%

### CERTIFICATIONS

Electrical safety (CE): EN60065, EN62368-1

Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3

IP protection degree:

- EN60529, IP66/IP67 (with cable glands)
- EN60529, IP44 (with double filter for air renewal)

Salty fog resistance: to 1000 hours (ISO9227)

EAC certification

### ACCESSORIES

| | |
|---|---|
| OHEH24B | Heater 120/230Vac for HEG, HTG housings |
| OHEH25B | Heater 12Vdc/24Vac for HEG, HTG housings |
| OHEPS19B | Wide range camera power supply IN 100-240Vac - OUT 12Vdc, 1.25A, for VERSO, VERSO POLAR, VERSO COMPACT, HEG, HTG housings |
| OHEPS20 | Camera power supply IN 230Vac - OUT 24Vac, 10VA, for VERSO, VERSO POLAR, VERSO COMPACT, HEG, HTG housings |
| OHEGBPS1B | Wide range camera power supply IN 100-240Vac - OUT 12Vdc, 1.25A, in weatherproof box, for VERSO, VERSO POLAR, HEG, HTG housings |
| OHEGBPS2B | Camera power supply IN 230Vac - OUT 24Vac in weatherproof box, 10VA, for VERSO, VERSO POLAR, HEG, HTG housings |
| OHEGBB | Weatherproof junction box |
| VIP6A1 | Wiper 230Vac for HEG housings |
| VIP6A2 | Wiper 24Vac for HEG housings |

| | |
|---|---|
| WAS0V5L5M00 | Water tank 5l (1.3gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac |
| WAS0V23L5M00 | Water tank 23l (6gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac |
| WAS0V23L11M00 | Water tank 23l (6gal), pump with delivery up to 11m (36ft), IN 230Vac-24Vac-120Vac |
| WAS1V23L30M00 | Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 230Vac |
| WAS3V23L30M00 | Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 120Vac |
| WASPT0V5L5M00 | Water tank 5l (1.3gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac |
| WASPT0V23L5M00 | Water tank 23l (6gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac |
| WASPT0V23L11M00 | Water tank 23l (6gal), pump with delivery up to 11m (36ft) with water floating, IN 230Vac-24Vac-120Vac |
| WASPT1V23L30M00 | Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 230Vac |
| WASPT3V23L30M00 | Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 120Vac |
| DTWRX | Data receiver for remote control of the wiper and WASPT range pumps in stand-alone housings |
| OSUPPIR | Support for 1 GEKO IRH illuminator under the housing (the combination between OSUPPIR and WBOVA2 wall mount is not compatible with the PUNTO housing) |

## BRACKETS AND ADAPTORS

| | |
|---|---|
| WBJA | Wall mount bracket |
| WCM5A | Ceiling bracket with ball joint |
| WCMPA | Linear extension for WCM4A2 and WCM5A |
| WFWCA | Column bracket with joint |
| DBHWGC | Pole adapter Ø 210mm, max 225mm (8.2in, max 8.9in). To be combined with the reinforcing support plate WCPA. |
| WCWA | Corner mount adaptor |
| WSFPA | Pole mount adaptor |
| WCPA | Reinforcing support plate for poor consistency walls |
| NXWTU | Wall adaptor module in stainless steel AISI 316L |

## SPARE PARTS

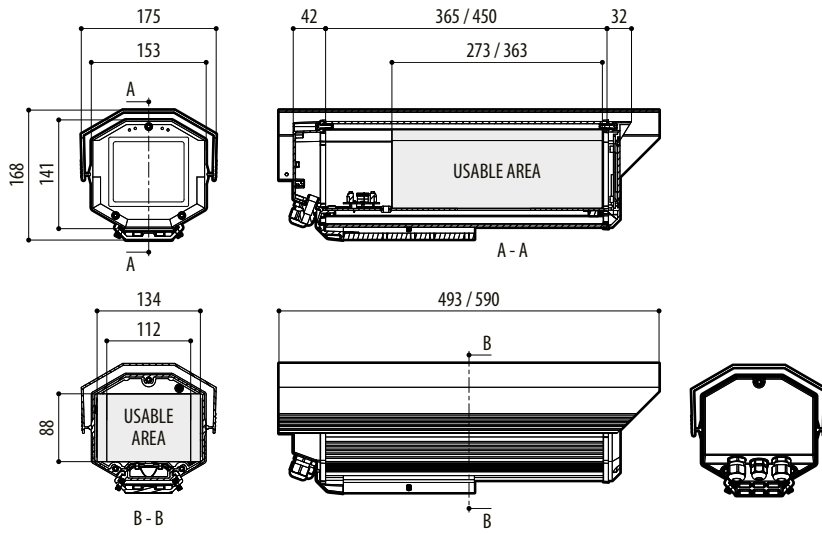| | |
|---|---|
| OHEGS37A000 | Sunshield |
| OHEGS47A000 | Sunshield HEG47 |
| DOTHE01 | Spacers for camera and lens |
| OHEGNMAN | Cable glands, gaskets and screws |
| OHEGFA04 | Front cover with screws and gaskets |
| OHEGFPN04 | Back cover with cable glands, gaskets and screws |

## PACKAGE

| Model Number | Weight | Dimensions (WxHxL) | Master carton |
|---|---|---|---|
| HEG37K1A000 | 4.1kg (9lb) | 19.5x20x52.5cm (7.7x7.9x20.7in) | 8 |
| HEG47K1A000 | 4.7kg (10.3lb) | 19.5x20x62cm (7.7x7.9x24.4in) | 6 |

## AVAILABLE MODELS

| Model Number | Sunshield | Heater 120Vac/230Vac | Heater 12Vdc/24Vac | 24Vac fan with double air exchange filter | PS 100/240Vac IN, OUT 12Vdc, 1A for fan, with double air exchange filter | Double heater 120/230Vac | Triple fan-assisted heating 120/230Vac | Max consumption |
|---|---|---|---|---|---|---|---|---|
| HEG37K0A000 | √ | – | – | – | – | – | – | – |
| HEG37K1A000 | √ | √ | – | – | – | – | – | 40W |
| HEG37K1A074 | √ | – | – | – | – | √ | – | 80W |
| HEG37K1A143 | √ | – | – | – | – | – | √ | 124W |
| HEG37K2A000 | √ | – | √ | – | – | – | – | 20W |
| HEG47K1A000 | √ | √ | – | – | – | – | – | 40W |
| HEG47K1A018 | √ | √ | – | – | √ | – | – | 44W |
| HEG47K2A000 | √ | – | √ | – | – | – | – | 20W |
| HEG47K2A016 | √ | – | √ | √ | – | – | – | 24W |

## TECHNICAL DRAWINGS

*The indicated measurements are expressed in millimetres.*



HEG