# HEG
## LARGE-SIZED HOUSING

REVISION 1146

**VIDEOTEC**

## 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°C (-58°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.
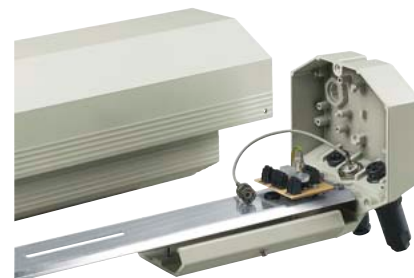
It can be installed with cable sheaths, instead of regular cable glands using the junction box for the wiring harness.

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. 016-017-018

→ *VERSION FOR THERMAL IMAGING CAMERAS AVAILABLE:* **HTG** <?>

WWW.VIDEOTEC.COM DATA SHEETS

# HEG

## 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 |
|---|---|
| WCM5A | Ceiling bracket with ball joint |
| WFWCA | Column mount with ball joint |

### RELATED PRODUCTS

| PTH900 | Pan&Tilt series |
|---|---|

### SPARE PARTS

| DOTHE01 | Spacers for camera and lens |
|---|---|
| OHEGNMAN | Cable glands, gaskets and screws kit |
| OHEGFA04 | Front cover with screws and gaskets |
| OHEGFPN04 | 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 |

# HEG

## AVAILABLE MODELS

| Code | Sunshield | Heater 115/230Vac | Heater 12Vdc/24Vac | 12Vac 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 BNC | Double heater 115/230Vac | Triple fan assisted heater 115/230Vac | Max consumption |
|---|---|---|---|---|---|---|---|---|---|---|
| HEG37D0A000 | | | | | | | | | | |
| HEG37K0A000 | • | | | | | | | | | |
| HEG37K1A000 | • | • | | | | | | | | 40W |
| HEG37K1A018 | • | • | | | | • | | | | 44W |
| HEG37K1A074 | • | | | | | | | • | | 80W |
| HEG37K1A143 | • | | | | | | | | • | 124W |
| HEG37K2A000 | • | | • | | | | | | | 20W |
| HEG47K1A000 | • | • | | | | | | | | 40W |
| HEG47K1A018 | • | • | | | | • | | | | 44W |
| HEG47K1A036 | • | • | | | | | • | | | 40W |
| HEG47K2A000 | • | | • | | | | | | | 20W |
| HEG47K2A016 | • | | • | | • | | | | | 24W |
| HEG47K2A017 | • | | • | • | | | | | | 24W |
| HEG47K2A036 | • | | • | | | | • | | | 20W |



175
153
168 141
A
A

42 · 365 / 450 · 32
273 / 363
USABLE AREA
A - A

134
Ø 102
88
USABLE AREA
B - B

493 / 590
B
B

mm 1:10

HEG