

HTG

LARGE HOUSING FOR THERMAL CAMERAS



DESCRIPTION

This housing has been designed to fit thermal cameras with large lenses for vision even in total darkness, fog, rain and smoke, or for long distances. It can be used for a wide range of day/night surveillance systems, such as monitoring and rescue in the event of a fire, public safety or airport, industrial and environmental surveillance. 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.

MAIN FEATURES

- Germanium window
- IP66/IP67
- Integrated heater
- Available accessories: camera power supply

TECHNICAL DATA

GENERAL

Die-cast aluminium back and front cover plates
Extruded aluminium body and external slide
Epoxy polyester powder painting, RAL9002 colour
Stainless steel external screws

MECHANICAL

Internal usable area (WxH): 134x88mm (5.3x3.4in)
Internal usable length (with or without accessories): 273mm (10.7in)
Cable glands: 3xM16
Unit weight: 4.1kg (9lb)

HOUSING'S WINDOW

Germanium window

- Usable diameter: 55mm (2.1in)
- Thick: 2mm (0.08in)
- External treatment: antiscratch (Hard Carbon Coating - DLC), antireflection
- Internal treatment: antireflection
- Spectral range: from 7.5µm up to 14µm
- Medium transmittance (from 7.5µm up to 11.5µm): 90%
- Medium transmittance (from 11.5µm up to 14µm): 77%

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

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)
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)
EAC certification

ACCESSORIES

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

BRACKETS AND ADAPTORS

WBJA	Wall mount bracket
WCMSA	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

OHEH24B	Heater 120/230Vac for HEG, HTG housings
OHEH25B	Heater 12Vdc/24Vac for HEG, HTG housings
DOTHE01	Spacers for camera and lens
OHEGNMAN	Cable glands, gaskets and screws
OHEGFN04	Back cover with cable glands, gaskets and screws
OHTGFA	Front cover with germanium window

PACKAGE

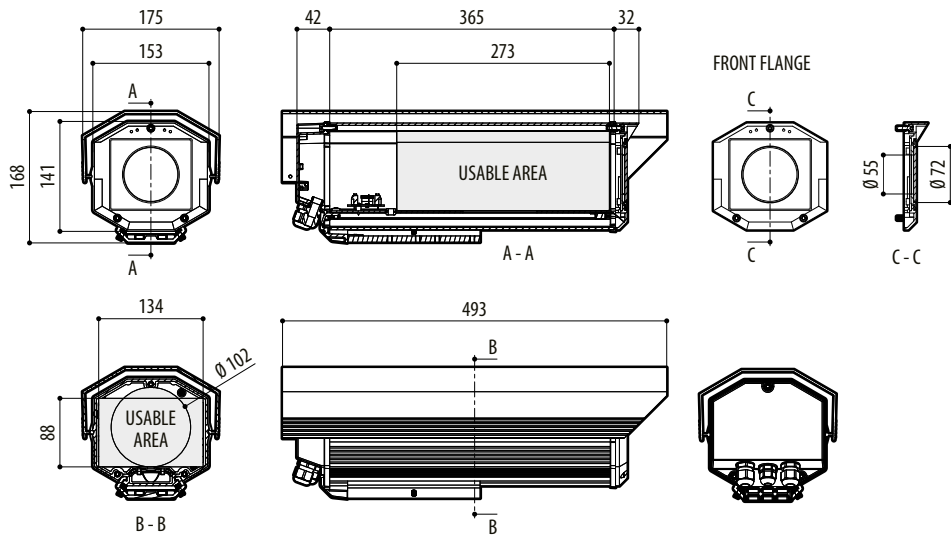
Model Number	Weight	Dimensions (WxHxL)	Master carton
HTG37K1A000	4.5kg (9.9lb)	19.5x20x52.5cm (7.7x7.9x20.7in)	-

AVAILABLE MODELS

Model Number	Housing sunshield	Power supply 120/230Vac	Power supply 24Vac	Ø germanium window
HTG37K1A000	√	√	–	55mm (2.1in)
HTG37K2A000	√	–	√	55mm (2.1in)

TECHNICAL DRAWINGS

The indicated measurements are expressed in millimetres.



HTG