

HTG

LARGE HOUSING FOR THERMAL CAMERAS

IP66

IP67



HTG

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
Epoxypolyester powder painting, RAL9002 colour
Stainless steel external screws

MECHANICAL

Internal usable dimensions (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)
- 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)

ACCESSORIES

OHEPS19B	Wide range camera power supply, IN from 100Vac up to 240Vac - OUT 12Vdc, 1.25A, for housings VERSO, VERSO POLAR, HEG, HTG
OHEPS20	Camera transformer, IN 230Vac - OUT 24Vac, 10VA, for housings VERSO, VERSO POLAR, HEG, HTG
OHEGBPS1B	Wide range camera power supply, IN from 100Vac up to 240Vac - OUT 12Vdc, 1.25A, in weatherproof box, for housings VERSO, VERSO POLAR, HEG, HTG
OHEGBPS2B	Camera transformer, IN 230Vac - OUT 24Vac, 10VA, in weatherproof box, for housings VERSO, VERSO POLAR, HEG, HTG
OHEGBB	Weatherproof junction box IP55

BRACKETS AND ADAPTORS

WBJA	Wall mount bracket
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	AISI 316L stainless steel adapter module for oblique surfaces

SPARE PARTS

OHEH24B	Heater, 120Vac or 230Vac, for housings HEG, HTG
OHEH25B	Heater, 12Vdc or 24Vac, for housings HEG, HTG
OHEGFPN04	Back cover with cable glands, gaskets and screws
OHTGFA	Front cover with germanium window

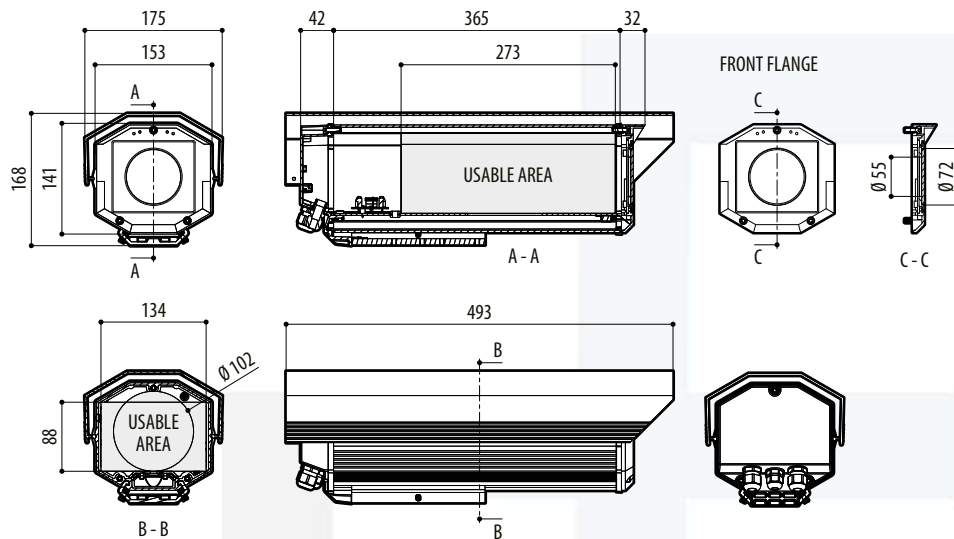
PACKAGE

Model Number	Weight	Dimensions (WxHxL)
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

SUPPORT

Learn more and find additional documentation at pelco.com or email support@pelco.com for specific product support.



Jun 2024 || Rev 1

© 2024, Motorola Solutions, Inc. All rights reserved. MOTOROLA, MOTO, MOTOROLA SOLUTIONS, and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. Pelco, the Pelco logo, and other trademarks associated with Pelco products referred to in this publication are trademarks of Pelco, Inc. or its affiliates. All other product names and services are the property of their respective companies. Product specifications and availability are subject to change without notice.