

VERSO POLAR

CAMERA HOUSING FOR EXTREMELY LOW TEMPERATURE

IP66

IP67

TYPE
4X

IK10



VERSO POLAR

DESCRIPTION

Sturdy, tamper-proof housing designed to simplify installation and service and guarantee total protection against all environmental conditions.

This housing is provided with a high performance heating system which it will continue working at even the most severe temperatures, right down to -55°C (-67°F).

Entirely constructed from technopolymer, it guarantees high impact resistance and perfect weather protection from external agents and UV rays.

Its dimensions make it suitable for a variety of combinations of cameras and lenses.

Very easy to install thanks to the side-opening system that allows the full access to the camera, lenses and all internal connections.

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

MAIN FEATURES

- High-performance operation, down to -55°C (-67°F)
- IP66/IP67 (with cable glands or optional sealing rings)
- Vandal-proof protection (IK10)
- 3 nickel-plated brass cable glands with standard bracket
- Available accessories: camera power supply

TECHNICAL DATA

GENERAL

Made of strong technopolymer (polycarbonate)
Sunshield in ABS
RAL9002 Colour
Stainless steel external screws

MECHANICAL

Internal usable dimensions (WxH): 70x70mm (2.7x2.7in)
Internal usable length (with or without accessories): 270mm (10.6in)
Cable glands: 3xM16 (nickel-plated brass for external connections)
Polycarbonate window (WxH): 105x64mm (4.1x2.5in)
Unit weight: 1.5kg (3.3lb)

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)):

- From 12Vdc up to 24Vdc, 5A max
- From 12Vac up to 24Vac, 5A max, 50/60Hz
- From 120Vac up to 230Vac, 700mA 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 heater): From -55°C (-67°F) up to +60°C (140°F)
Chemical agents resistance

- High resistance: basics, alcohols, gas, hydrocarbon
- Good resistance: Organic acids, inorganic acids, oils
- Low resistance: Solvents

Relative humidity: from 5% up to 95%

CERTIFICATIONS

Electrical safety (CE): EN62368-1, IEC62368-1
Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3, EN55032 Class B, FCC Part. 15 Class B, ICES-003 Class B
Outdoor installation (CE): EN62368-1, IEC62368-1
IP protection degree (EN60529):

- IP66 (with cable glands)
- IP66 (with bracket with internal cable channel, with sealing rings)
- IP55 (with bracket with internal cable channel)

IK protection degree: EN62262, IK10
UL certification:

- cULus Listed, TYPE 4X
- UL94, V1 (fire-self extinguish)

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
OWBIP2	Sealing rings kit (3xM16) IP66 for WBOVA2 brackets for housings HOV, VERSO, VERSO POLAR, HEB
OHEGBB	Weatherproof junction box IP55
OSUPPIR	Support for 1 GEKO IRH illuminator under the housing

BRACKETS AND ADAPTORS

WBJA	Wall mount bracket
WBOVA2	Wall bracket with internal cable channel
WCM3A	Ceiling bracket with ball joint
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

OHPVS42A000	Sunshield
OHPV42CS04	Complete upper body

PACKAGE

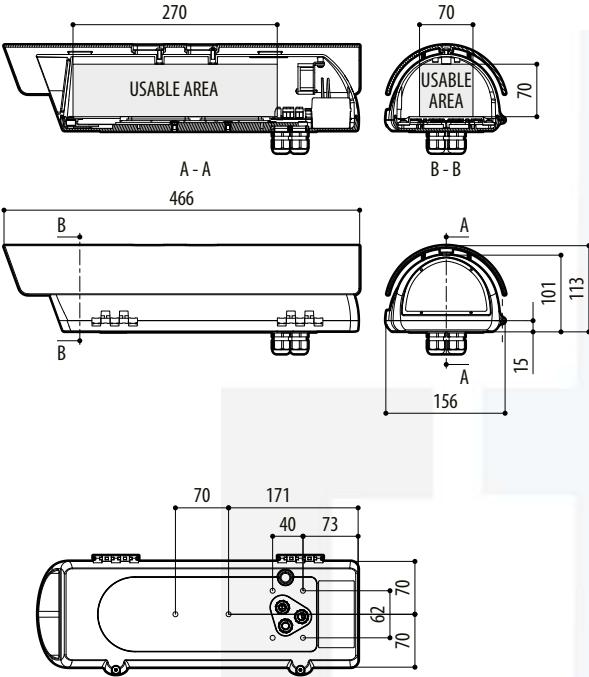
Model Number	Weight	Dimensions (WxHxL)	
HPV42K1A160	1.8kg (4lb)	16.5X15.5X49cm (6.5x6.1x19.3in)	10

AVAILABLE MODELS

Model Number	Sunshield	Heater 120Vac/230Vac	Heater 12Vdc/24Vac	Consumption max
HPV42K1A160	✓	✓	-	120W
HPV42K2A160	✓	-	✓	60W

TECHNICAL DRAWINGS

The indicated measurements are expressed in millimetres.



VERSO POLAR

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.