

HTV

ALUMINIUM HOUSING FOR THERMAL CAMERAS



IP66

IP67



DESCRIPTION

This housing has been designed to fit thermal cameras with compact lenses for vision even in total darkness.

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 frontal opening system allows an easy access to the camera and all internal connections.

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

MAIN FEATURES

Germanium window

IP66/IP67 (with cable glands or optional sealing rings)

Pre-arranged for internal cable management bracket

Side opening, easy camera servicing

Available accessories: heater, camera power supply, alarm tamper switch

TECHNICAL DATA

GENERAL

Constructed from aluminium
Sunshield in ABS
Epoxy polyester powder painting, RAL9002 colour
Stainless steel external screws

MECHANICAL

Dimensions (WxHxL): 176x160x514mm (6.9x6.3x20.2in)
Cable glands: 3xM16
Unit weight: 4kg (8.8lb)

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 (empty version):

- From 12Vdc up to 24Vdc, 1A max
- From 12Vac up to 24Vac, 1A max, 50/60Hz
- From 120Vac up to 230Vac, 400mA max, 50/60Hz

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, 3A max
- From 12Vac up to 24Vac, 3A max, 50/60Hz
- From 120Vac up to 230Vac, 400mA 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 -20°C (-4°F) up to +60°C (140°F)
Relative humidity: from 5% up to 95%

CERTIFICATIONS

Electrical safety (CE): EN60950-1
Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3, EN55032 Class B, FCC Part. 15 Class B, ICES-003 Class B
IP protection degree (EN60529):

- IP66/IP67 (with cable glands)
- IP66/IP67 (with bracket with internal cable channel, with sealing rings)
- IP55 (with bracket with internal cable channel)
- IP44 (with double filter for air renewal)

EAC certification

ACCESSORIES

| | |
|----------|---|
| OHEH26 | Heater 120Vac/230Vac for HOV, HTV, VERSO, VERSO COMPACT housings |
| OHEH27 | Heating 12Vdc/24Vac for HOV, HTV, HTC, VERSO and VERSO COMPACT housings |
| OHOVPS1B | Wide range camera power supply IN 100-240Vac - OUT 12Vdc, 1.25A, for HOV and HTV housing |
| OHOVPS2B | Camera power supply IN 230Vac - OUT 24Vac, 10VA, for HOV and HTV housings |
| OHOVTA1 | Tamper switch on board with tamper proof screws and key for HOV housing |
| OHEGBB | Weatherproof junction box |
| OWBIP2 | Sealing rings kit (3xM16) IP66 for WBOVA2 and WCM4A2 brackets for PUNTO, HOV, HTV, VERSO, VERSO POLAR, VERSO COMPACT, HEB, HEK housings |

RELATED PRODUCTS

| | |
|--------|--------------------------------|
| PTH300 | Horizontal/vertical Pan & Tilt |
|--------|--------------------------------|

BRACKETS AND ADAPTORS

| | |
|---------|--|
| WBJA | Wall mount bracket |
| WBOVA2 | Wall bracket with internal cable channel |
| WBOV3A2 | Wall bracket with internal cable channel, counterplate and support box, not compatible with OHEBVF1, OHEBVF2 and OHEBVF3 |
| WCM3A | Ceiling bracket with ball joint |
| WCM5A | Ceiling bracket with ball joint |
| WCM4A2 | Ceiling bracket with internal cable channel |
| 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

| | |
|-----------|---------------------|
| OHTV32SUP | Complete upper body |
|-----------|---------------------|

PACKAGE

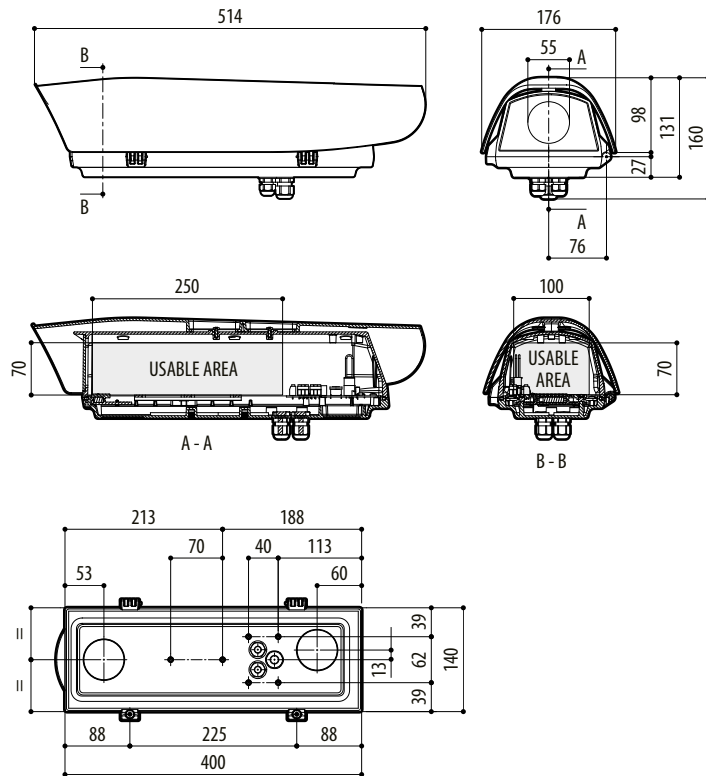
| Model Number | Weight | Dimensions (WxHxL) | Master carton |
|--------------|---------------|---------------------------------|---------------|
| HTV32K1A000 | 3.4kg (7.5lb) | 19.5x14.5x53cm (7.6x5.7x20.8in) | 4 |

AVAILABLE MODELS

| Model Number | Housing sunshield | Power supply 230Vac | Power supply 24Vac | Ø germanium window |
|--------------|-------------------|---------------------|--------------------|--------------------|
| HTV32K1A000 | √ | √ | - | 50mm (1.97in) |
| HTV32K2A000 | √ | - | √ | 50mm (1.97in) |

TECHNICAL DRAWINGS

The indicated measurements are expressed in millimetres.



HTV