

HTV

ALUMINIUM HOUSING FOR THERMAL CAMERAS



IP66

IP67



HTV

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
Epoxypolyester 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)
- 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, EN62368-1

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 or 230Vac, for housings HOV, HTV, VERSO, VERSO COMPACT
OHEH27	Heater 12Vac, 12Vdc, 24Vac or 24Vdc, for housings HOV, HTV, VERSO, VERSO COMPACT
OHOVPS1B	Wide range camera power supply, IN from 100Vac up to 240Vac - OUT 12Vdc, 1.25A, for housings HOV, HTV
OHOVPS2B	Camera transformer, IN 230Vac - OUT 24Vac, 10VA, for housings HOV, HTV
OHOVTA1	Tamper switch on board with tamper proof screws and key for HOV housing
OHEGBB	Weatherproof junction box IP55
OWBIP2	Sealing rings kit (3xM16) IP66 for WBOVA2 and WCM4A2 brackets for housings PUNTO, HOV, HTV, VERSO, VERSO POLAR, VERSO COMPACT, HEB

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	AISI 316L stainless steel adapter module for oblique surfaces

SPARE PARTS

OHTV32SUP	Complete upper body
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PACKAGE

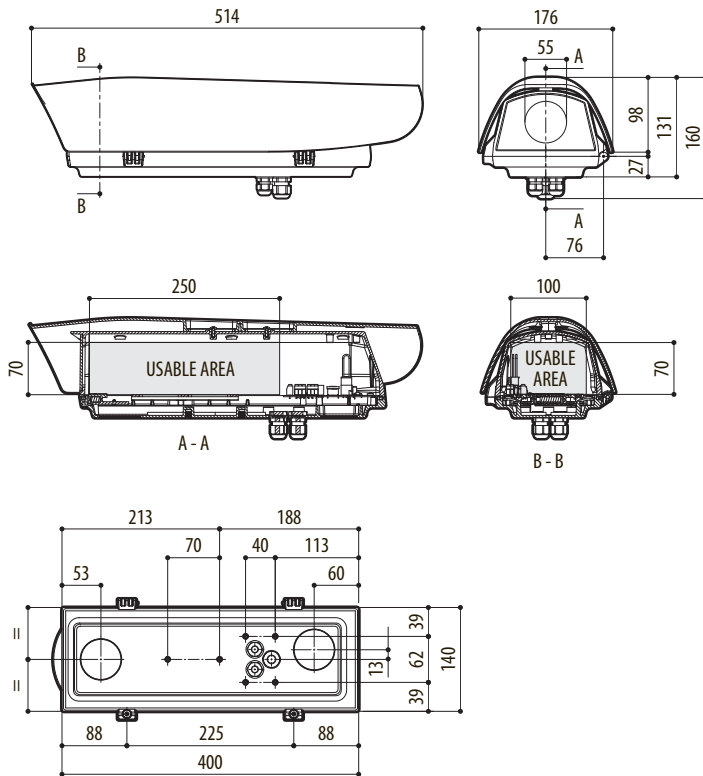
Model Number	Weight	Dimensions (WxHxL)	Master carton
HTV32K1A000	3.4kg (7.5lb)	19.5x14.5x53cm (7.6x5.7x20.8in)	4

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.



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