

HOV Hi-PoE IPM

ALUMINIUM HOUSING WITH IPM TECHNOLOGY FOR IP CAMERAS



HOV HI-POE IPM

DESCRIPTION

The HOV Hi-PoE IPM housing optimally operates with POE and Hi-POE technology, using the power supplied by the Ethernet cable as the sole source of power for all connected devices, thus ensuring maximum efficiency and flexibility of the network system as well as user-friendly installation and low costs.

The innovative IPM (Intelligent Power Management) system enables extremely quick and easy installation with the use of a single Ethernet connecting cable.

The Hi-POE IPM system automatically detects all the options, like heating, fan and illuminator and then autonomously balances the power to ensure suitable distribution of the same to the connected devices. This guarantees the optimal operation of the IP camera between -30°C (-22°F) and +60°C (140°F), with heat regulation and cold start (activation at low temperature).

The IPM system offers an opportunity to refit analogue systems with already installed housings by simply changing the slide and internal electronics. This enables the digital conversion, speeding up the installation and thereby minimizing costs and environmental impact.



HOV HI-POE IPM + GEKO IRH



HOV HI-POE IPM+ CAMERA

MAIN FEATURES

- IPM technology (Intelligent Power Management)
- PoE/Hi-PoE power supply for heating, demisting, illuminator, fan and PoE network camera
- Compatible with IEEE 802.3af, IEEE 802.3at/PoE Plus
- IP66/IP67 (with cable glands or optional sealing rings)
- Special cable gland for a fast Ethernet connection/ disconnection without cutting the RJ45 connector
- Pre-arranged for internal cable management bracket
- Version with fan with double air filter
- Version with anti-icing heated glass
- Pre-arranged to supply a GEKO IRH illuminator

TECHNICAL DATA

MECHANICAL

Constructed from aluminium
Sunshield in ABS
Epoxy polyester powder painting, RAL9002 colour
Stainless steel external screws
Internal usable dimensions (WxHxL): 100x70x250mm (3.9x2.7x9.8in)
Cable glands: 1xM12, 1xM16, 1xM20
Extra clear glass window <ul style="list-style-type: none">· Dimensions (WxH): 118x75mm (4.6x2.95in)
Unit weight: 3.1kg (6.6lb)

ELECTRICAL

Power absorbed in input: PoE class 3 (13W) or Hi-PoE class 4 (25W) selectable from dip switch
Available power for camera (PoE IN class 3): PoE Class 2 (7W)
Available power for camera (Hi-PoE IN class 4): PoE class 3 (13W) with Ton -10°C ±2°C "cold start" function
Data line: 10/100Base-T
Illuminator GEKO IRH, low power: 6W
Heater: 8W, electronically controlled, Ton 20°C±2°C (68°F±4°F), Toff 23°C±2°C (73.4°F±4°F)
Fan with thermostat for camera cooling for versions with double air filter: Ton 35°C±2°C (95°F±4°F), Toff 32°C±2°C (89.6°F±4°F)
Demisting with forced hot air: 5W
Anti-icing heated glass: 5W, Ton 30°C±2°C (86°F±4°F), Toff 33°C±2°C (91.4°F±4°F)
Compatible with IEEE 802.3af, IEEE 802.3at/PoE Plus
Compatible with the Power Injector (OHEPOWINJ: Pelco optional accessory)

ENVIRONMENT

For indoors and outdoors installation
Operating temperature: From -10°C (14°F) up to +60°C (140°F)
Operating temperature (with heater): From -30°C (-22°F) up to +60°C (140°F)
Relative humidity: from 5% up to 95%

CERTIFICATIONS

Electrical safety (CE): EN60950-1, IEC60950-1, EN62368-1, IEC62368-1
Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3, EN55022 Classe B, FCC Part. 15 Class B
Outdoor installation (CE): EN60950-22, IEC 60950-22
IP protection degree (EN60529): <ul style="list-style-type: none">· IP66/IP67 (with cable glands)· IP66/IP67 (with sealing rings and an internal cable channel)· IP55 (with bracket with internal cable channel)· IP44 (for models with double filter for ventilation)
IK protection degree (EN62262): IK10 (except for the front glass)
Salty fog resistance: ISO9227, to 1000 hours
UL certification: cULus Listed, TYPE 4X (except for version with double filter for the air exchange, HOV32K2A716)

ACCESSORIES

OHEPOWINJ	Hi-PoE Power Injector, 1 channel, for indoor installations
OWBIP3	Sealing rings kit (1xM12 - 1xM16 - 1xM20) IP66 for WBOVA2 brackets for VERSO Hi-PoE IPM and HOV Hi-PoE IPM housings
OHEGBB	Weatherproof junction box IP55
OSUPPIR	Support for 1 GEKO IRH illuminator under the housing

RELATED PRODUCTS

IRH30L8A	LED Illuminator, 30°, 850nm, 24Vac - 12/24Vdc
IRH60L8A	LED Illuminator, 60°, 850nm, 24Vac - 12/24Vdc

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

OHOVPOEIPM	Maintenance/retrofit kit for HOV and HOV HI-POE IPM housings
OHOV32SUPB	Complete upper body

PACKAGE

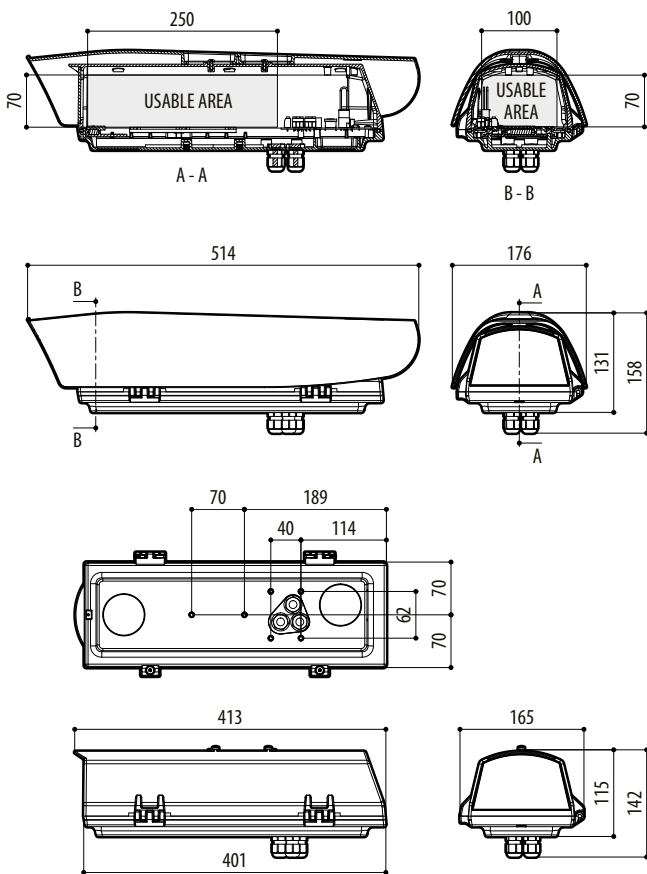
Model Number	Weight	Dimensions (WxHxL)	
HOV32K2A700	3.4kg (7.5lb)	19.5x14.5x53cm (7.6x5.7x20.8in)	4

HOV HI-POE IPM AVAILABLE MODELS AND FEATURES

Operating temperature	Injector	Camera	Demisting Heating system	Illuminator	Heater	Anti-icing heated glass	Fan with double air filter	Model Number
From -10°C (14°F) up to +60°C (140°F)	PoE class 3 (13W)	PoE max. class 2 (7W)	√	-	-	-	√	HOV32K2A716
	Hi-PoE class 4 (25W)	PoE max. class 3 (13W)	√	√	-	-	√	HOV32K2A716
From -10°C (14°F) up to +60°C (140°F)	PoE class 3 (13W)	PoE max. class 2 (7W)	√	-	-	-	-	HOV32K2A700
	Hi-PoE class 4 (25W)	PoE max. class 3 (13W)	√	√	-	-	-	HOV32K2A700
From -30°C (-22°F) up to +60°C (140°F)	Hi-PoE class 4 (25W)	PoE max. class 3 (13W)	√	-	√	-	-	HOV32K2A700
	Hi-PoE class 4 (25W)	PoE max. class 3 (13W)	√	-	√	√	-	HOV32K2A720

TECHNICAL DRAWINGS

The indicated measurements are expressed in millimetres.



HOV HIPOE IPM

SUPPORT

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



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