NXM36 Hi-PoE

HOUSING FOR IP CAMERAS FOR INSTALLATION IN AGGRESSIVE ENVIRONMENTS

NXM36 HI-POE INTERNAL SLIDE

DESCRIPTION

The NXM36 Hi-PoE housing has been developed for installations in highly corrosive areas such as industrial chemical, petrochemical, marine, naval and offshore platforms. Entirely made from electropolished and passivated AISI 316L stainless steel for maximum protection against deterioration.

The IP66/IP67/IP68/IP69 level guarantees complete protection against bad weather and water immersion.

The NXM36 Hi-PoE housing exploits the PoE and Hi-PoE technology in an optimal way, using the power provided by the Ethernet cable as the sole source of electricity to power the network camera along with heating/demisting.

NXM36 Hi-PoE provides high reliability and flexibility of the network installation and simplifies installation operations with important cost reduction.

NXM36 Hi-PoE can be configured via a dip switch according to the PoE or Hi-PoE standards depending to the system requirements.

The accessories of wiper and water pump ensure a constant cleaning of the front window.

CERTIFICATIONS

MAIN FEATURES

- Made of AISI 316L electropolished stainless steel
- PoE/Hi-PoE to power heater & network camera
- Compatible with IEEE 802.3af, IEEE 802.3at/PoE Plus
- IP66/IP67/IP68/IP69
- Cylindrical body enclosed by two 6mm(0.24in)-thick circular flanges
- 2 PG13.5 cable glands in nickel-plated brass for external connections

MOTOROLA SOLUTIONS

PELCO

TECHNICAL DATA

GENERAL

Housing manufactured in polished stainless steel (austenitic stainless alloy steel resistant to corrosion and heat):

- · AISI 316L
- · UNI 6900-71: X 2 Cr Ni Mo 17 12 2
- · DIN 17006: X 2 Cr Ni Mo 17 13 2
- · N° werkstoff: 1.4404
- · AFNOR: Z2 CND 17-12
- · BSI: 316S11

The screws utilised are in austenitic alloy stainless steel, corrosion and heat resistant according to the following standards:

- · ISO: 7380
- · AISI: 316
- · ISO quality: A4
- · Resistance class ISO: from 50 to 70

MECHANICAL

Internal usable dimensions (WxH): 88mm (3.5in)x86mm (3.4in) (88mm (3.5in)x75mm (3.0in), take advantage of the space near the window)

Internal usable length: 210mm (8.3in)

External dimensions (ØxL): 154mm (6.06in)x358mm (14.1in)

Cable glands: 2xPG13.5 (nickel-plated brass for external connections)

Flange thickness: 6mm (0.24in) (front/back)

Gaskets: High sealing O-ring

Housing window

- · Material: Tempered extra clear glass
- · Usable diameter: 97mm (3.8in)
- · Thick: 4mm (0.16in)

Unit weight: 5kg (11lb)

ELECTRICAL

Power absorbed in input/Available power for camera (selectable with dip-switch)

- · PoE input Class 3 (13W): PoE camera Class 2 (7W)
- · Hi-PoE input Class 4 (25W): PoE camera Class 3 (13W)

Data line: 10/100Base-T

Heater

- · PoE input Class 3: 3W, Ton 15°C±3°C (59°F ±5°F), Toff 22°C±3°C (72°F±5°F)
- · Hi-PoE input Class 4: 7W, Ton 15°C±3°C (59°F ±5°F), Toff 22°C±3°C (72°F±5°F)

Demisting: 1W

Compatible with IEEE 802.3af, IEEE 802.3at/PoE Plus

ENVIRONMENT

For indoors and outdoors installation

Submersible: up to -40m (-130ft) (pressure: 4bar)

Operating temperature: 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, IP68, IP69

CERTIFICATIONS - MARINE APPLICATIONS

Lloyd's Register Marine Type Approval certification :
- · Test Specification Number 1 (ENV1, ENV2, ENV3, ENV5)

Electromagnetic compatibility: EN60945

Salty fog resistance: EN60068-2-52

Tested at 70°C (158°F) for 16 hours in compliance with EN60068-2-2

ACCESSORIES

Code	Description
NXCTPG13SS	Kit of 2xPG 13.5 stainless steel cable glands IP68 for stainless steel housings
ONXMAIRB	Front flange with air barrier and tempered glass
ONXMAIRBIR	Front flange with air barrier and with IR-proof glasses
NXFIGRU2	Filtering group for compressed air cleaning
OHEPOWINJ	Hi-PoE Power Injector, 1 channel, for indoor installations
VIPNX1C	230Vac stainless steel wiper for NXM housing
VIPNX2C	24Vac stainless steel wiper for NXM housing
WAS0V5L5M00	Water tank 5l (1.3gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WAS0V23L5M00	Water tank 23l (6gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WAS0V23L11M00	Water tank 23l (6gal), pump with delivery up to 11m (36ft), IN 230Vac-24Vac-120Vac
WAS1V23L30M00	Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 230Vac
WAS3V23L30M00	Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 120Vac
WASPT0V5L5M00	Water tank 5l (1.3gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPT0V23L5M00	Water tank 23l (6gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPT0V23L11M00	Water tank 23l (6gal), pump with delivery up to 11m (36ft) with water floating, IN 230Vac-24Vac-120Vac
WASPT1V23L30M00	Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 230Vac
WASPT3V23L30M00	Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 120Vac
DTWRX	Data receiver for remote control of the wiper and WASPT range pumps in stand-alone housings
WASNX1V10L20M00	Tank 10l (2.6gal) with integrated manual pump, controlled by solenoid valve, IN 230Vac, delivery head up to 30m (98ft), with 20m (66ft) antistatic water delivery pipe
WASNX2V10L20M00	Tank 10l (2.6gal) with integrated manual pump, controlled by solenoid valve, IN 24Vac, delivery head up to 30m (98ft), with 20m (66ft) antistatic water delivery pipe
WASNX3V10L20M00	Tank 10l (2.6gal) with integrated manual pump, controlled by solenoid valve, IN 120Vac, delivery head up to 30m (98ft), with 20m (66ft) antistatic water delivery pipe

BRACKETS AND ADAPTORS

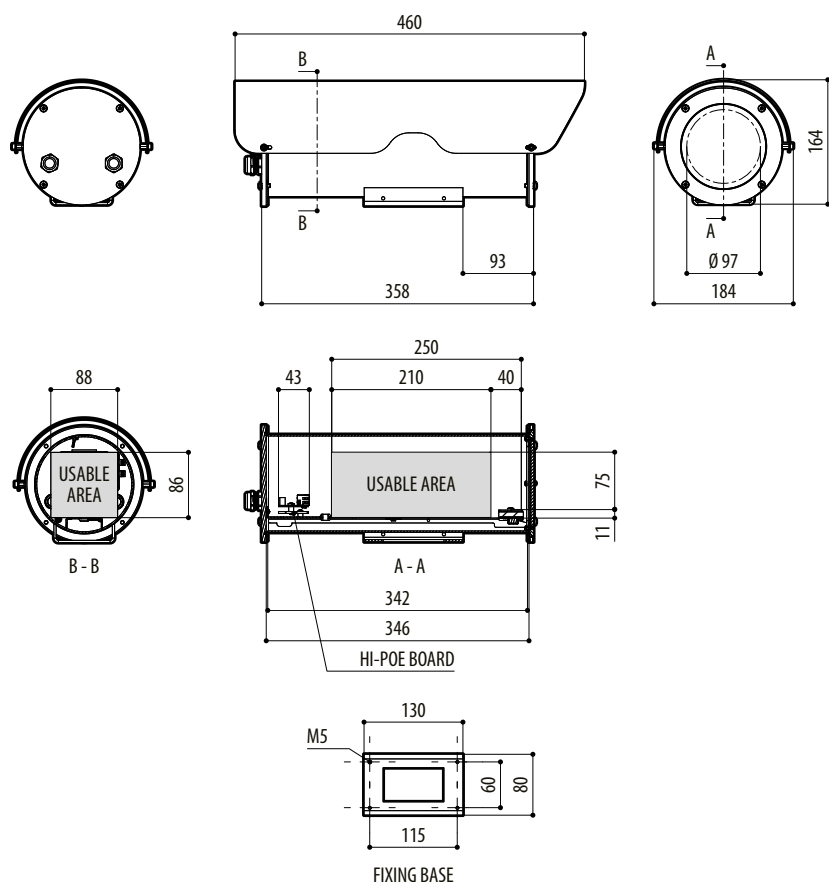|	
NXWBS1	AISI 316L stainless steel wall bracket with joint
NXCOL	AISI 316L stainless steel pole adapter module
NXCW	AISI 316L stainless steel corner adapter module
NXWTU	AISI 316L stainless steel adapter module for oblique surfaces
MHXWFWCA	AISI 316L stainless steel ball joint
MHXWBS	AISI 316L stainless steel wall bracket

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	
NXM36	6.4kg (14lb)	29.5x19.5x49cm (11.6x7.7x3.8in)	-

AVAILABLE MODELS		
Model Number	Sunshield	Cable glands
NXM36K2700	√	Cable glands 2xPG13.5

TECHNICAL DRAWINGS

The indicated measurements are expressed in millimetres.

NXM36 HI-POE

SUPPORT

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

MOTOROLA SOLUTIONS

PELCO

support@pelco.com | pelco.com