

NXM36

CAMERA HOUSING FOR INSTALLATION IN AGGRESSIVE ENVIRONMENTS

MAIN FEATURES

Made of AISI 316L electropolished stainless steel
IP66/IP69/IP68, submersible down to -40m (-130ft), equal to 4bar max.
Cylindrical body enclosed by two 6mm(0.24in)-thick circular flanges
2 PG13.5 cable glands in nickel-plated brass for external connections
Available accessories: heater and double heater (for temperatures down to -40°C (-40°F), camera power supply, wiper and washer pump

DESCRIPTION

The NXM36 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.

Weatherproof IP66/IP68, it provides a complete protection against dust and it's submersible down to 40m (130ft).

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

For the coldest environments down to -40°C (-40°F), the range includes a specific version with reinforced heater.

The NXM36 housing can be installed on NXPTH Pan & Tilt head, to obtain a complete positioning system.



NXM36



NXM36



VIPNX

AVAILABLE MODELS

Model Number	Sunshield	Heater 120Vac/230Vac	Heater 12Vdc/24Vac	Double heating 120Vac/230Vac	Max consumption
NXM36D0000	–	–	–	–	–
NXM36K1000	✓	✓	–	–	40W
NXM36K1050	✓	–	–	✓	80W
NXM36K2000	✓	–	✓	–	20W

TECHNICAL DATA

GENERAL

Constructed from electropolished stainless steel (austenitic alloy stainless steel, corrosion and heat resistant according to the following standards):

- 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 area (WxH): 88x86mm (3.5x3.4in)

Internal usable area (with double heater) (WxH): 55x100mm (2.2x3.9in)

Internal usable length (without accessories): 334mm (13.1in)

Internal usable length (with heater and/or power supply): 245mm (9.6in)

External dimensions (ØxL): 154x358mm (6.1x14.1in)

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

Flange thickness: 6mm (0.2in) (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

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)):

- 12Vdc, 1.6A max
- 24Vac, 0.85A max, 50/60Hz
- 120Vac, 0.35A max, 50/60Hz
- 230Vac, 0.18A max, 50/60Hz

Supply voltage/Current consumption (version with double heater, Ton 15°C±3°C (59°F ±5°F), Toff 22°C±3°C (72°F±5°F)):

- 120Vac, 0.7A max, 50/60Hz
- 230Vac, 0.35A 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 installation indoors and outdoors

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

Operating temperature with heater: from -20°C (-4°F) up to +60°C (140°F)

Operating temperature with double heater: from -40°C (-40°F) up to +60°C (140°F)

CERTIFICATIONS

Electrical safety (CE): EN60065

Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3

IP protection degree: EN60529

- IP66/IP69/IP68 (4bar, for 48 hours)

EAC certification

ACCESSORIES

OHEH06B	Heater 120/230Vac
OHEH05B	Heater 12Vdc/24Vac
ONXPS1B	Wide range power supply for camera IN 100-240Vac - OUT 12Vdc, 1.25A
ONXPS2B	Camera power supply IN 230Vac - OUT 24Vac, 400mA
VIPNX1C	230Vac stainless steel wiper for NXM housing
VIPNX2C	24Vac stainless steel wiper for NXM housing
WASOV5L5M00	Water tank 5l (1 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASOV23L5M00	Water tank 23l (6 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASOV23L11M00	Water tank 23l (6 gal), pump with delivery up to 11m (36ft), IN 230Vac-24Vac-120Vac
WAS1V23L30M00	Water tank 23l (6 gal), pump with delivery up to 30m (98ft) with water floating, IN 230Vac
WAS3V23L30M00	Water tank 23l (6 gal), pump with delivery up to 30m (98ft) with water floating, IN 120Vac
WASPTOV5L5M00	Water tank 5l (1 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPTOV23L5M00	Water tank 23l (6 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPTOV23L11M00	Water tank 23l (6 gal), pump with delivery up to 11m (36ft) with water floating, IN 230Vac-24Vac-120Vac
WASPT1V23L30M00	Water tank 23l (6 gal), pump with delivery up to 30m (98ft) with water floating, IN 230Vac
WASPT3V23L30M00	Water tank 23l (6 gal), 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

BRACKETS AND ADAPTORS

NXWBS1	AISI 316L stainless steel wall bracket with joint
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RELATED PRODUCTS

NXPTH	Stainless steel P&T motor
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SPARE PARTS

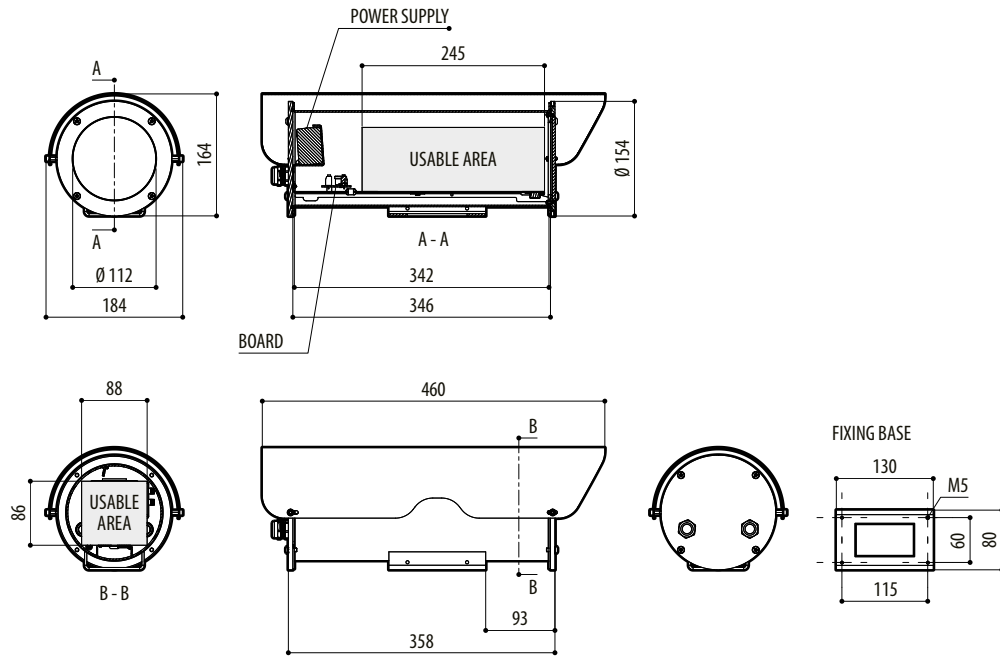
ONXM36MAN	Maintenance kit for NXM36
OSPAPVIXMC	Complete blade for VIPNX wiper

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
NXM36K1000	6.4kg (14lb)	29.5x19.5x49cm (11.6x7.7x3.8in)	-
VIPNX	1.9kg (4.2lb)	14.5x15x27cm (6x6x11in)	15

TECHNICAL DRAWINGS

The dimensions of the drawings are in millimetres.



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