

NXL

HOUSING FOR LARGE ZOOM LENSES IN AGGRESSIVE ENVIRONMENTS



IP66

IP67



NXL + NXWBL



NXL + VIPNXL + NXPTH + NXFWBT + NXWBPTH

DESCRIPTION

The NXL housing, entirely constructed from AISI 316L electropolished stainless steel, has been designed to accommodate large cameras and zoom lenses. The housing is conceived to operate in specialist environments such as salt water applications like marine or coast patrol, industrial or chemical applications, and where external agents are highly corrosive. A wide range of accessories is available: heater, camera power supply, NXWBL stainless steel wall bracket, and the VIPNXL wiper.

MAIN FEATURES

Made of AISI 316L electropolished stainless steel

IP66/IP67

Cylindrical body enclosed by two circular flanges, 12mm (0.47in) thick the front flange and 9mm (0.35in) thick the back flange

4 PG13.5 cable glands nickel-plated brass for external connections

Available accessories: heater, camera power supply, wiper, washer pump

TECHNICAL DATA

MECHANICAL

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

Flange thickness: 12mm (0.47in) (front), 9mm (0.35in) (back)

External body polishing

Window with extra clear tempered glass

- Usable diameter: 150mm (5.9in)
- Thick: 4mm (0.16in)

External dimensions (ØxL): 200x583mm (7.9x22.9in)

Internal usable area (WxH): 112x112mm (4.4x4.4in)

Internal usable length

- Without accessories: 562mm (22.1in)
- With heater: 477mm (18.7in)
- With power supply and connection board: 465mm (18.3in)

Cable glands: 4xPG13.5 (nickel-plated brass for external connections)

Gaskets: High sealing O-ring

Unit weight: 13kg (28.7lb)

ELECTRICAL

Heater (Ton 15°C±3°C (59°F±5°F), Toff 22°C±3°C (72°F±5°F))

- Power supply/Consumption: IN 12Vdc/24Vac, 20W max
- Power supply/Consumption: IN 120Vac/230Vac, 40W max

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): EN60065, EN62368-1

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

IP protection degree: EN60529 (IP66/IP67, with cable glands)

EAC certification

ACCESSORIES

NXCTPG13SS	Kit of 2xPG 13.5 stainless steel cable glands IP68 for stainless steel housings
ONXLH1	Heater 120Vac/230Vac
ONXLH2	Heater 12Vdc/24Vac
ONXPS1B	Wide range camera power supply IN from 100Vac up to 240Vac, 50/60Hz - OUT 12Vdc, 1.25A
ONXPS2B	Camera transformer IN 230Vac, 50Hz - OUT 24Vac, 50Hz, 400mA
VIPNXL1C	230Vac stainless steel wiper for NXL housing
VIPNXL2C	24Vac stainless steel wiper for NXL housing
WASOV5L5M00	Water tank 5l (1.3gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASOV23L5M00	Water tank 23l (6gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASOV23L11M00	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
WASPTOV5L5M00	Water tank 5l (1.3gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPTOV23L5M00	Water tank 23l (6gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPTOV23L11M00	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
WASN1V10L20M00	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
WASN2V10L20M00	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
WASN3V10L20M00	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

RELATED PRODUCTS

NXPTH	Stainless steel P&T motor
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BRACKETS AND ADAPTORS

NXWBL	AISI 316L stainless steel wall bracket with joint
NXWBS1	AISI 316L stainless steel wall bracket with joint
NXC0L	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

PACKAGE

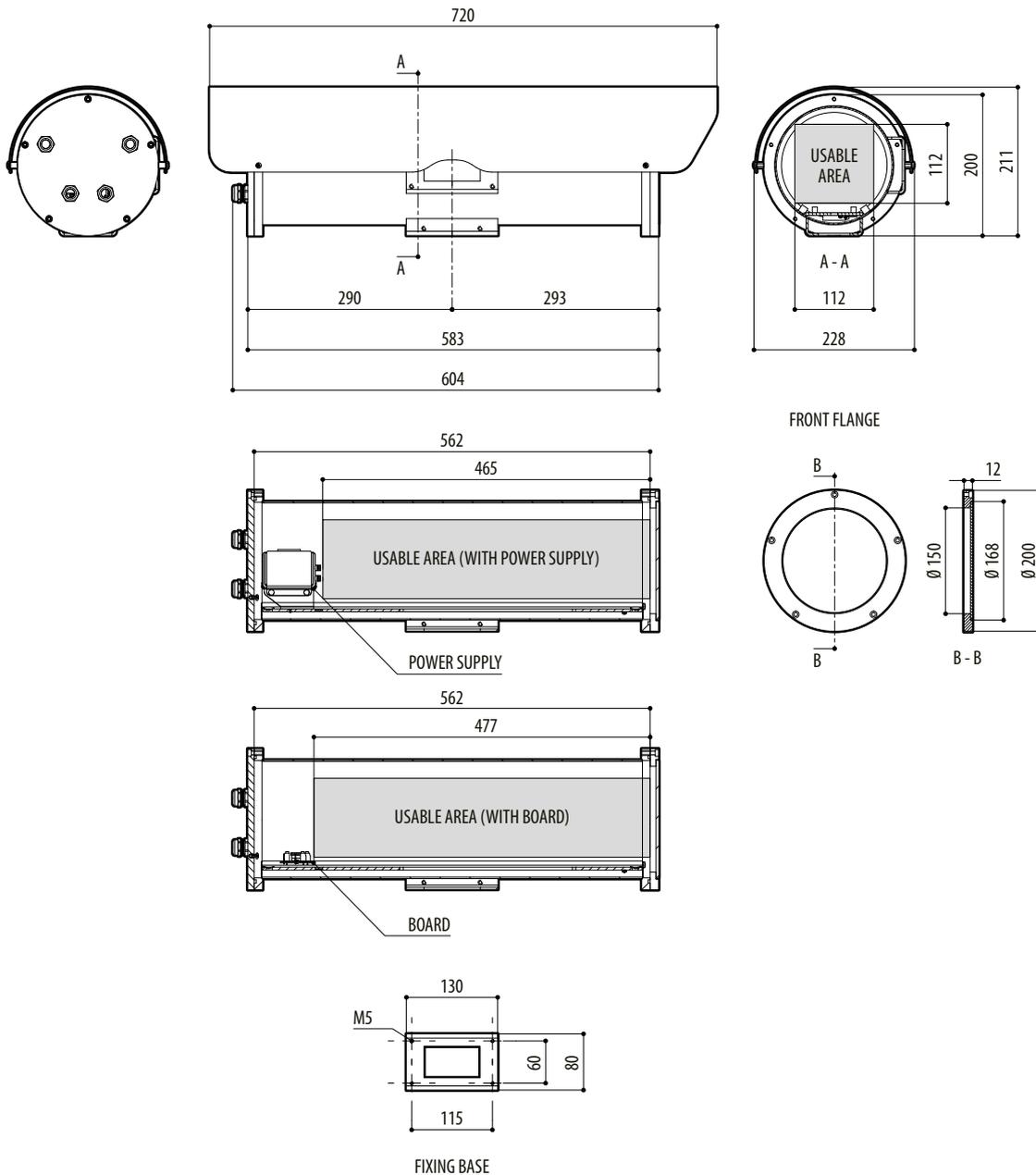
Model Number	Weight	Dimensions (WxHxL)	Master carton
NXL	15kg (33.5lb)	29.5x35x75cm (11.6x13.8x29.5in) -	

AVAILABLE MODELS

Model Number	Sunshield	Heater 120Vac/230Vac	Heater 12Vdc/24Vac	Consumption max
NXL1K1000	√	√	-	40W
NXL2K1000	√	-	√	20W

TECHNICAL DRAWINGS

The indicated measurements are expressed in millimetres.



NXL