TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

168 SERIES

LARGE STAINLESS STEEL FIXED CAMERA HOUSING

SAFE AREA

- LARGE CAMERA HOUSING
- AISI316L STAINLESS STEEL CONSTRUCTION
- FOR USE IN HIGHLY CORROSIVE ENVIRONMENTS
- INTEGRATED WIPER VERSION AVAILABLE
- WEATHERPROOF STANDARD IP66/IP67
- SUITABLE FOR ANALOG AND IP CAMERAS
- VISIBLE DAY/NIGHT AND THERMAL VERSIONS AVAILABLE

IP CAMERA | ANALOG CAMERA | IP66 IP67

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See drawings next page
Operating Temperature	-40°C +60°C, +75°C peak (-40°F +140°F, +167°F peak)
Construction	AISI316L Stainless Steel
Window	Optical glass (visible), Germanium (thermal)
Finish	Electro-polished
Mounting	See drawings next page
Cable entries	4 M20x1,5 nickel plated brass cable glands (included) Standard cable diameter 5-10mm
Wiper	Yes
Weight	

Model	**Unit [kg]**	**Package [kg]**
168SH/168SHIR	11	13
168WW	12	14

ELECTRICAL

Thermostatically controlled heater	**T[°C] ON** = 12 ± 4°C, **T[°C] OFF** = 20 ± 3°C
Available voltages	24VAC/DC, 230VAC (+/-10%)
Power consumption	15W

CERTIFICATIONS

Ingress Protection (EN 60529)	IP66/IP67
EMC	EN 50130-4; EN/IEC 61000-6-2; EN/IEC 61000-6-4
LVD	EN 60950-1; EN 60950-22
RoHS	2011/65/EU + 2015/863/EU (RoHS 3)
WEEE	2012/19/EU

MODELS

168SH/24[1]	Fixed housing, with sunshield and 24VAC/DC heater
168SH/230[1]	Fixed housing, with sunshield and 230VAC heater
168WW/24[2]	Fixed housing, with sunshield, wiper and heater, 24VAC
168WW/230[2]	Fixed housing, with sunshield, wiper and heater, 230VAC
168SHIR70/24[3]	Fixed housing, with sunshield and 24VAC/DC heater. Germanium window Ø: 70mm
168SHIR70/230[3]	Fixed housing, with sunshield and 230VAC heater. Germanium window Ø: 70mm
168SHIR110/24[4]	Fixed housing, with sunshield and 24VAC/DC heater. Germanium window Ø: 110mm
168SHIR110/230[4]	Fixed housing, with sunshield and 230VAC heater. Germanium window Ø: 110mm
168SHIRS70/24	Fixed housing, with sunshield and heater, 24VAC/DC. SAPPHIRE window Ø: 70mm
168SHIRS70/230	Fixed housing, with sunshield and heater, 230VAC. SAPPHIRE window Ø: 70mm
168SHIRS100/24	Fixed housing, with sunshield and heater, 24VAC/DC. SAPPHIRE window Ø: 100mm
168SHIRS100/230	Fixed housing, with sunshield and heater, 230VAC. SAPPHIRE window Ø: 100mm

[1] *Usable front window diameter: 130 mm, thickness: 5 mm. Tempered glass*
[2] *Usable front window diameter: 104 mm. Thickness: 12 mm. Vandal resistant glass*
[3] *Usable front window diameter: 70 mm. Thickness: 3 mm. Germanium, AR/DLC coating*
[4] *Usable front window diameter: 110 mm. Thickness: 3 mm. Germanium, AR/DLC coating*

ACCESSORIES

SSBK-M	Wall mounting bracket
SSPM-M	Pole mount adapter for SSBK-M
RX24IO	Telemetry receiver for wash/wipe models, RS485, PELCO D protocol. 12VDC, 1A output for camera supply. Operating voltage: 24VAC. Installed inside the housing.
PSU01	Power supply 230VAC/24VAC installed inside the housing.
PSU02	Power supply 115-230VAC/12VDC installed inside the housing.
SPL01	PoE+ Splitter installed inside the housing (only for models without wiper).

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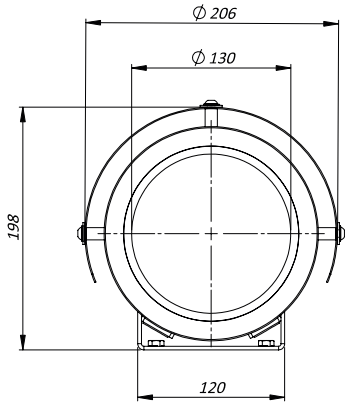
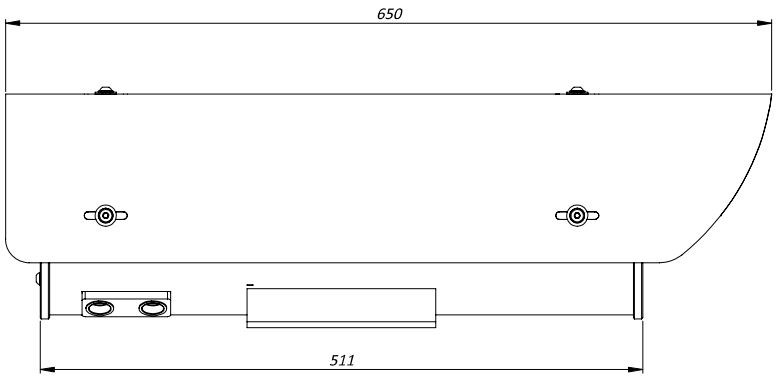
DIMENSIONS

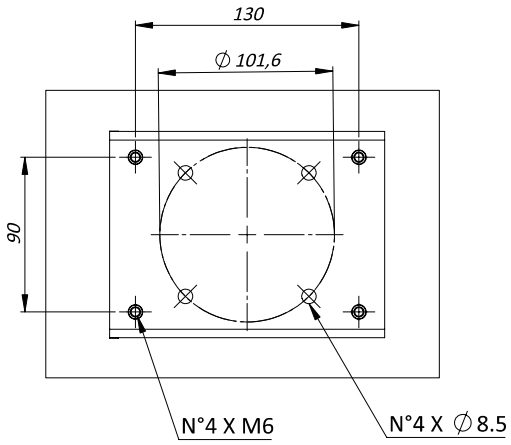
FRONT VIEW



SIDE VIEW



MOUNTING PATTERN



FOR "A" VALUES CHECK "MODELS" SECTION

MAX EXTERNAL LENGTH

Model	L1 [mm]	L2 [mm]
168SH/24[1]	650	511
168SH/230[1]	650	511
168WW/24[2]	650	511
168SHIR70/24[3]	650	511
168SHIR70/230[3]	650	511
168SHIR110/24[4]	650	511
168SHIR110/230[4]	650	511
168SHIRS70/24	650	511
168SHIRS70/230	650	511
168SHIRS100/24	650	511
168SHIRS100/230	650	511

MAX INTERNAL USABLE AREA

Model	Max internal dimensions [mm]	Max usable internal diameter [mm]
168SH	96x96x348	131
168WW	96x96x348	131

Dimensions in millimetres – Tolerances according QMS – Design and products specifications subject to change without notice – rev. 20250717

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