

129LC SERIES

STAINLESS STEEL LIQUID COOLED FIXED CAMERA HOUSING

SAFE AREA

- LIQUID COOLING SYSTEM
- WINDOW AIR BARRIER FOR COOLING/CLEANING
- AISI316L STAINLESS STEEL CONSTRUCTION
- FOR USE IN HIGHLY CORROSIVE ENVIRONMENTS
- EASY INSTALLATION AND MAINTENANCE
- WEATHERPROOF STANDARD IP66/IP67
- SUITABLE FOR ANALOG AND IP CAMERAS
- VISIBLE DAY/NIGHT AND THERMAL VERSIONS AVAILABLE



TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See drawings next page
Operating Temperature	See "Temperature" section
Cooling system	Liquid cooling (main system), window air barrier (window cooling)
Construction	AISI316L Stainless Steel
Finish	Electro-polished
Window	Borosilicate (visible), Zinc Selenide or Germanium AR/DLC coated (thermal)
Mounting	See drawings next page
Cable entries	2 M20x1,5 threaded holes. Cable glands not included
Wiper	Window air barrier
Weight	Unit: 13kg / Package: 14kg

TEMPERATURE

Borosilicate glass window (housing model 129LC)

Temperature [°C]		Temperature [°F]	
External	Internal	External	Internal
200	23	392	74
300	33	572	92
400	45	752	113

Germanium window (housing model 129LCIRG70)

Temperature [°C]		Temperature [°F]	
External	Internal	External	Internal
80	15	176	59

Zinc Selenide window (housing model 129LCIRZ70)

Temperature [°C]		Temperature [°F]	
External	Internal	External	Internal
200	23	392	74
300	33	572	92

Temperatures may differ depending on environmental factors, water flow/temperature and air flow.
Internal tests performed using ~6 l/min [~1,59 US gal/min] water flow and ~6 bar air pressure in front air barrier

CERTIFICATIONS

Ingress Protection(EN 60529)	IP66/IP67
RoHS	2011/65/EU + 2015/863/EU (RoHS 3)
WEEE	2012/19/EU

MODELS

129LC¹	LIQUID-COOLED camera housing, MEDIUM size, Borosilicate (Borofloat®) front window, for applications up to 300°C (572°F) with peaks of 400°C (752°F)
129LCIRG70²	LIQUID-COOLED camera housing, MEDIUM size, Germanium window Ø: 70mm, for applications up to 80°C (176°F)
129LCIRZ70³	LIQUID-COOLED camera housing, MEDIUM size, Zinc-Selenide window Ø: 70mm, for applications up to 300°C (572°F) with peaks of 400°C (752°F)

¹	Thickness: 5 mm
²	Thickness: 3 mm. Germanium, AR/DLC coating.
³	Thickness: 5 mm. Zinc Selenide with AR/AR coating

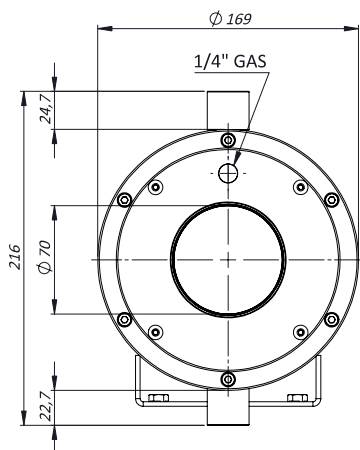
ACCESSORIES

SSBK-M	Wall mounting bracket
SSPM-M	Pole mount adapter for SSBK-M
ABFL-01	Air filtering group of three filters: 20 µm, 5 µm, 0.1µm in cascade, with pressure regulator, pressure gauge and wall fixing bracket.

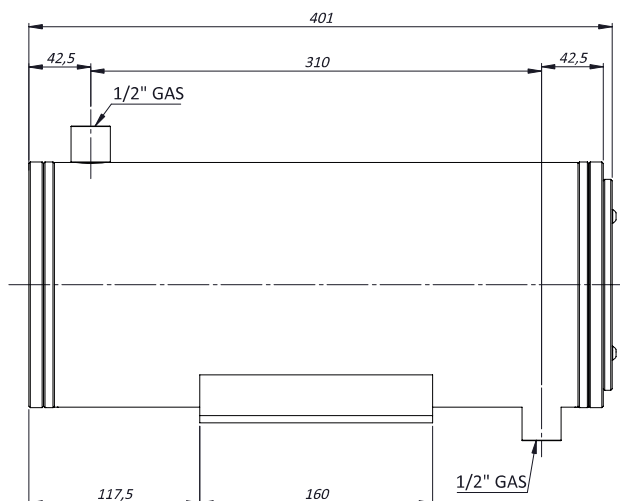
STAINLESS STEEL LIQUID COOLED FIXED CAMERA HOUSING

DIMENSIONS

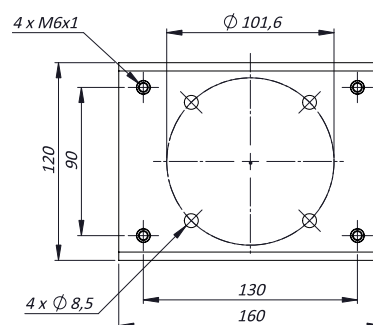
FRONT VIEW



SIDE VIEW



MOUNTING PATTERN



MAX EXTERNAL LENGTH

Model	L1 [mm]	L2 [mm]
129LC	401	\
129LCIRG70	401	\
129LCIRZ70	401	\

MAX INTERNAL USABLE AREA

Model	Max internal dimensions [mm]	Max usable internal diameter [mm]
129LC/129LCIR	88x84x305	104