

TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

129LC SERIES

STAINLESS STEEL CAMERA STATION

SAFE AREA

AISI316L STAINLESS STEEL CONSTRUCTION
FOR USE IN HIGHLY CORROSIVE ENVIRONMENTS
EASY INSTALLATION AND MAINTENANCE
LIQUID COOLING SYSTEM
WEATHERPROOF STANDARD IP66/IP67
SUITABLE FOR ANALOG AND IP CAMERAS
DAY/NIGHT AND IR THERMAL VERSIONS AVAILABLE
REFINED AND MODERN DESIGN



129LC LIQUID COOLED CAMERA HOUSING

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

| | |
|------------------------------|---|
| Dimensions | See drawings next page |
| Operating Temperature | See "Temperature" section |
| Construction | AISI316L Stainless Steel |
| Finish | Electro-polished |
| Mounting | See drawings next page |
| Cable entries | 2 M20x1,5 threaded holes. Cable glands not included |

| | | |
|---------------|------------------|---------------------|
| Weight | | |
| Model | Unit [kg] | Package [kg] |
| 129LC/129LCIR | 13 | 14 |

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 |

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 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 |
| EMC | EN 61000-6-3:2007; EN 50130-4:1995 + A1:1998 + A2:2003 |
| LVD | EN 60950-1:2006 + A11:2009 |
| RoHS | 2011/65/EU |
| WEEE | 2012/19/EU |

MODELS

| | |
|-------------------------------|-------------------------------------|
| 129LC¹ | Liquid cooled camera housing. UW:70 |
| 129LCIRG70² | Liquid cooled camera housing. UW:70 |
| 129LCIRZ70³ | Liquid cooled camera housing. UW:70 |

- ¹ UW= Usable front window diameter. Thickness: 5 mm. Borosilicate glass (Borofloat), with high chemical resistance and low thermal expansion
- ² UW= Usable front window diameter. Thickness: 3 mm. Germanium, AR/DLC coating. Recommended environmental temperature not above 100°C/212°F
- ³ UW= Usable front window diameter. Thickness: 5 mm. Zinc Selenide with AR/AR coating

MOUNTING ACCESSORIES

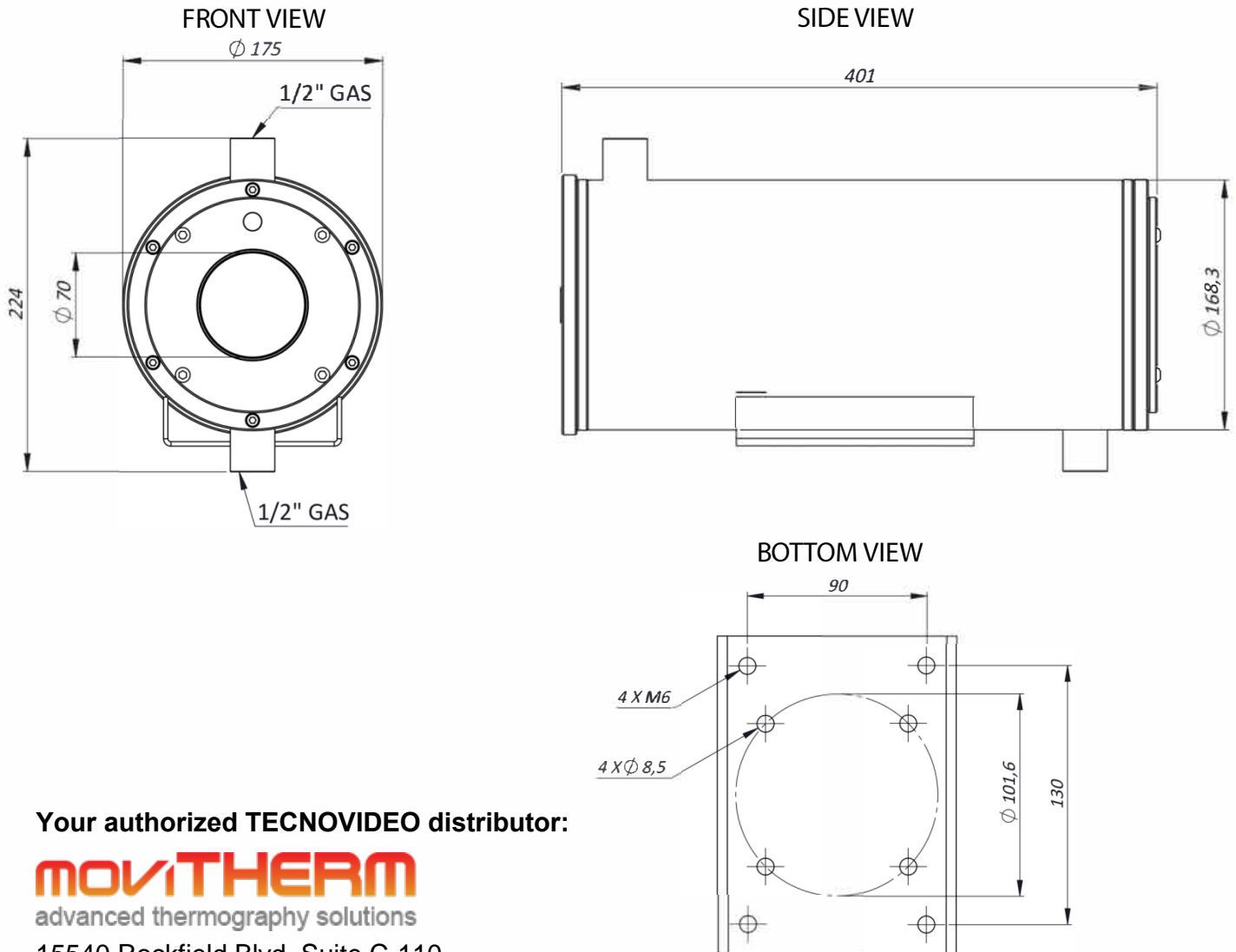
| | |
|------------------|--|
| SSBK129LC | Wall mounting bracket with swivel joint for 129LC Series |
| SSPM129LC | Pole mount adapter for SSBK129LC |

ACCESSORIES AND SPARE PARTS

| | |
|----------------|---|
| MK129LC | Maintenance kit with Viton O-ring seals, screws seals, screws, desiccant bags |
| ABFL-01 | Air filtering battery 20 – 5 – 0.1 micron (for air barrier front flange) |

STAINLESS STEEL CAMERA STATION

DIMENSIONS



Your authorized TECNOVIDEO distributor:

MOVITHERM
advanced thermography solutions

15540 Rockfield Blvd, Suite C-110
Irvine, CA 92618

Phone: (949) 699-6600

Fax: (949) 699-6601

Email: info@movitherm.com

<http://www.movitherm.com>

MAX INTERNAL USABLE AREA

| Model | Max internal dimensions [mm] | Max usable internal diameter [mm] |
|---------------|------------------------------|-----------------------------------|
| 129LC/129LCIR | 88x87x305 | 105 |