

HIGH TEMPERATURE CAMERA

Insulated jacket for housing

Cooling System for TELEA Housing



Description

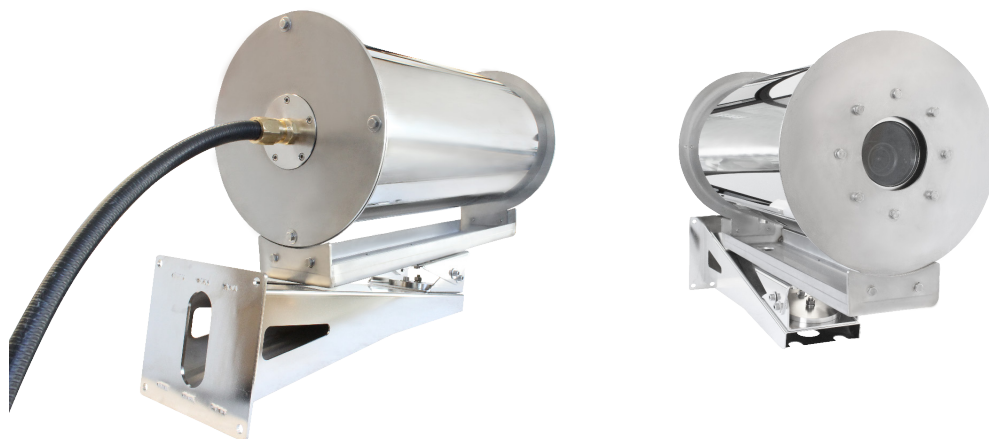
Many industrial applications in ATEX classified areas require a housing for camera which works in an ambient with temperature higher than 55°C. Thanks to the insulated jacket model 08X1xx -which is designed for housing version CF.EX.129L and CF.EX.129.IRL - Telea makes it possible to meet the requirement of camera system in an ambient with temperature up to 80°C, and also in presence of particulate matter; which happens in different industries such as iron & steel, petrochemical, glass factories, waste to energy plants, and in general every kind of heavy industry.

In designing of insulated jacket for housing, all the critical characteristics of industrial ambient have been considered. Quality of materials used, technical solution adopted, careful attention devoted to details, and Telea's experience and familiarity with the typical problems after installation, all together have resulted in a product which is special and different from other products in market with a very efficient cooling system.

Different versions are available: the insulated jacket can be constructed in AISI304L stainless steel or INOX AISI316L and air or water cooled.

In the air cooled jacket compressed air is used to ensure the cleanliness of frontal glass and also cooling of the housing. If the air available is not instrumental air, it is necessary to use the air filter group.

The jacket is supplied with support for mounting bracket. Bracket with swivel joint (SPT168), cable glands, conduit tail, cables and camera housings (CF.EX.129L, CF.EX.129.IRL) sold separately.



Up to
80°C

AISI
304L

AISI
316L

Air
Cooling

H₂O
cooling

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Specifications may be subject to change for improvement without prior notice.


TELEA

HIGH TEMPERATURE CAMERA

Technical Specifications

Versions available:

08X100:	made in Stainless Steel INOX AISI304L, air cooled.
08X101:	made in Stainless Steel INOX AISI316L, air cooled.
08X120:	made in Stainless Steel INOX AISI304L, water cooled.
08X121:	made in Stainless Steel INOX AISI316L, water cooled.

Air cooling:

Connection:	1 x 3/8" M BSPP
Temperature IN:	<35°C
Air flow rate:	3 Nm ³ /h
Pressure IN:	Not less than ≤ 1 bar
Air quality:	Instrumental Air ISO 8573-1 Classe 1.2.1

Water cooling:

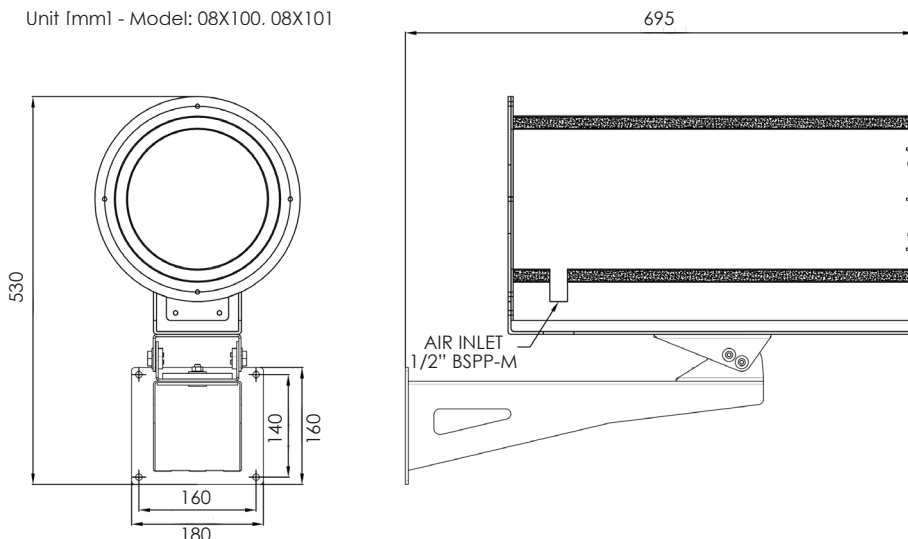
Connection:	2 x 1/2" M BSPP
Temperature IN:	<35°C max
Flow:	from 2 l/min to 8 l/min (*1)
Pressure IN:	from 2 bar to 6 bar (*2)
Pressure OUT:	0 bar (free output)
Quality:	pH 6-8, suspensions max 10 mg/l

Correlated products

GFA13X__	Air filter GFATEC series, complete with manometer and adjustment knob to regulate the pressure.
CF.EX.129L	Fixed Camera Housing, electro-polished AISI316L stainless steel, ATEX/IECEX II 2 G/D Ex d T6, IP66/67
CF.EX.129.IRL	Housing for thermographic camera ATEX/IECEX II 2 G/D Ex d T6. Stainless steel AISI316L, with Germanium window. IP66/67.
SPT168	Stainless steel AISI316L, wall mounting bracket with swivel joint.

Dimensions

Unit Imm1 - Model: 08X100. 08X101



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