

ATEX Thermal Camera

Prometheus IR

THERMAL CAMERA EX d
stainless steel

Made of AISI 316L electropolished stainless steel
Germanium window with protection grid



TECHNICAL DATA

GENERAL

AISI 316L stainless steel construction
Silicone O-ring seals
Option: additional dayview-sensor

MECHANICAL

2 3/4" NPT holes for cable entry
Germanium window with protection grid
Sunshield
Unit weight: 19,2 kg (42lb)

HOUSING WINDOW

Material: Germanium

Dimensions:

- Diameter: 56mm
- Thick: 10mm

External treatment: Antiscratch (Hard Carbon Coating, DLC)

Internal treatment: Antireflection

Spectral range: from 7,5µm up to 14µm

CERTIFICATIONS

ATEX (EN 60079-0: 2012, EN-60079-1: 2007, EN 60079-31: 2009):

- b II 2 G Ex d IIB T6 Gb Ta -40°C to +60°C or
- b II 2 G Ex d IIC T6 Gb Ta -20°C to +60°C or Ta -40°C to +60°C and/or
- b II 2 D Ex tb IIIC T85°C Db Ta -40°C to +60°C

BRACKETS AND ADAPTORS

AISI 316L stainless steel wall bracket
AISI 316L stainless steel corner adapter module
AISI 316L stainless steel pole adapter module
AISI 316L stainless steel ball joint
AISI 316L stainless steel parapet mounting bracket
Additional module for Real-Picture-Sensor, Diameter 90mm

ELECTRICAL

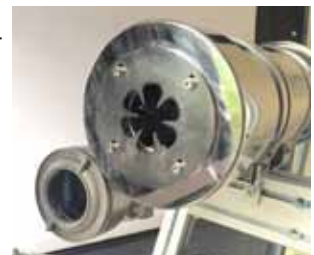
Power absorbed by heating (Ton 10°C±4°C. Toff 22°C±3°C):

- 230Vac: 60W max
- 120Vac: 40W max
- 24Vac: 30W max

Operating-/Installationtemperature: from -40°C a +60°C



additional housing for
Real-Picture-Sensor



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