

## ATEX THERMAL CAMERA MORPHEUS HXT2C

Product number: 70107LB1000001

Date: 07.07.2016



### 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 2°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

