

HEAVY DUTY CAMERA MORPHEUS (by TectradeSolutions)

Product No.: 70107FEI000015

Date: 30.05.2018



Heavy Duty Housing
 flameproof IP camera
 Dust minimizing heat management
 IK10 Grade
 Digital IP camera (CMOS)
 Image transfer via Ethernet / FO
 without special cabling

SHOCK PROOF IP-PROCESS CAMERA SYSTEM

Ex d. Small Camera with High Resolution
 Optical process and system monitoring
 Hazardous area - Industrial application - mining industries
 IP video camera with security function SEC Vision Control
 Alarm sensors and Moonlight technology for excellent pictures in dark places. For the use in rough industrial applications with EEx de Xlink industrial network connector / available as EX Zone 1/2 21/22 as well

More technical data are at the EX application

SPECIALS:

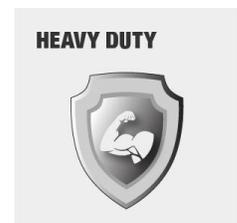
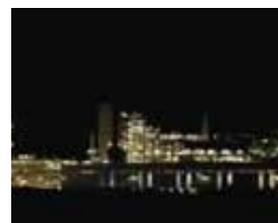
- Shock absorbing housing made from Aluminox
- Ex de industrial network connector (Heavy Duty Connector) for assembly and disassembly for maintenance during plant operation under hazardous atmosphere.
- Ball and socket mounting with wall or profile Adapter Incl. Control Center Software

TECHNICAL DESCRIPTION:

- Intelligente, de- central, high resolution IP Video Camera system for process and - system- monitoring
 Our shock-proof IP Camera System
 We offer the optimal solution for the hazardous, harsh industrial environments.
 Fields of application are oil platforms and refineries, mining industrie, chemical plants, water treatment plants and biogas plants.

CAMERA DATA:

De - centralized system complete with a detailed Resolution of 6 Megapixels
 Camera with on-board image processing. For slightest Network Load.
 Software features: Video Motion, MxActivitySensor, external signals, temperature sensor, microphone, Vibration sensor, notification over email, FTP. Or PLS / PLC communication
 Video alarm management, Multiview, event search
 Sensor resolution: Up to 6MEGA
 Max video rate.:
 6MEGA: 8 fps
 • 3MEGA: 20 fps
 • MEGA: 30 fps



EX CAMERA HEAVY DUTY

EX D KV ML OPT (MORPHEUS by TectradeSolutiuions)

Product No: 70107FE1000006

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CAMERA DATA:

Sensor resolution: Up to 6MEGA

. Max video rate:

6MEGA: 8 fps • 3MEGA: 20 fps • MEGA: 30 fps

Min Aperture.:

5MP Day: 0.25 lux (t = 1 / 60s) • 0.013 lux (t = 1 / 1s)

5MP night: 0.05 lux (t = 1 / 60s) • 0.0025 lux (t = 1 / 1s)

6MP day: 0.1 lux (t = 1 / 60s) • 0.005 lux (t = 1 / 1s)

6MP night: 0.02 lux (t = 1 / 60s) • 0.001 lux (t = 1 / 1s)

Sensor:

(Equivalent mm small picture)

L22 - L135, horizontal angle of 90 ° to 15 °

Day or night, or LPF

TECNICAL DATA:

HOUSING

- Housing made of die-cast aluminium painted, Zone 1,2,21 and 22, Optional industrial housing for non-hazardous area
- high resistance to corrosion and seawater resistant
- high antibacterial properties and ANTIMILDEW
- Extreme surface hardness
- high thermal conductivity (heat dissipation)
- Superior fire and heat resistance
- antistatic and non-tacky properties

MECHANICAL:

3/4 "NPT bushing for cable entry

Unit weight: 1 kg

Camera dimensions: Ø 130 x D: 102 mm, B 130 mm;

H via plug 190mm, add €. Coupling 80mm

BRACKET AND ADAPTION MODULE

Ball joint: suitable for all 40er aluminium profile systems (ITEM)

GLASS FOR HOUSING

Material: mineral glass

OPTIONS:

- - Ex de Xlink plug shed
- Industrial housing for non-hazardous area

ELEKTRICAL

Interface: Ex gland shed (Accessories)

Ethernet 10/100

Connection via CAT / 6 network cable, up to 80m. (Accessories)

Power supply via PoE Switch (accessory)

Power over Ethernet (IEEE 802.3af) (Accessories)

. Power consumption: typically 7 watts; via PoE switch

Operating temperature: -30 to +60 ° C

CERTIFICATIONS

Housing: Ex II 2G Ex d IIC T6 / II 2D Ex tD A21 IP66 T85 ° C
Operating / Installation temperature: from -30 ° C to + 60 ° C

Reserve technical changes.
No liability for errors.

