

DATASHEET

EXGDEX30 IP starlight

Intelligent Network HD dome camera • Ex • Weatherproof

- HDTV 1080p
- 30x optical zoom and 12x digital zoom
- Endless 360° pan and high zoom in combination with high resolution
- Excellent low-light performance and High dynamic range of 120 dB to see detail in difficult light conditions
- Incorporates the latest H.265 video compression technology to reduce bandwidth and storage requirements
- Built-in Intelligent Video Analytics (IVA) alert operators in case of unusual scene activity
- Edge intelligence with Intelligent Tracking and object detection even when the camera is moving
- Zone 1/21 and Zone 2/22 use
- II 2 G Ex db eb T5 or T6 Gb
- II 2 D Ex tb IIIC T85°C Db
- ATEX and IECEx approved for gas and dust
- Temperature range -20 °C to +56 °C
- IP66
- Exe terminal chamber for easy connection
- Available with integrated optical fibre link or IP over coaxial cable
- Intelligent humidity and temperature control

**BOSCH**

Invented for life

The **EXGDEX30 IP starlight** is a top-of-the-line explosion proof PTZ intelligent network dome camera, offering a rich viewing experience with HDTV 1080p, 30x optical and 12x digital zoom and fast and precise pan/tilt performance for superb wide area coverage.

EXGDEX30 IP starlight comes either in a marine grade alloy or a stainless steel 316L housing, making this range of cameras suitable for both onshore and off shore industry.

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TECHNICAL DATAS

Camera Specifications

Camera electronics:	IP starlight
Image sensor:	CMOS 1/2.8"
Lens:	4.3 mm to 129 mm F1.6 to F4.7 FOV 2.3° to 64.7°
Day and night:	Automatically removable infrared-cut filter
Min illumination/light sensitivity (lux)	Color: 0.0077 lx, Monochrome: 0.0008 lx (3100K, reflectivity 89%, 1/30, F1.6, 30 IRE)
Video compression:	H.265, H.264, M-JPEG
Max video resolution (pixels)	1944 x 1212 (2.35 MP)
Frames per second (50/60Hz)	1080p: 30fps; 720p: 60fps
Pan/tilt/zoom:	Pan: 360° cont. 0.1°/s –400°/s Tilt: 180°, 0.1°/s –300°/s Zoom: 30x optical, 12x digital, total 360x zoom

Mechanical

Material:	Anodized Alloy 6082 or Stainless Steel AISI 316L
Weight:	Alloy approx. 25 kg, Stainless Steel approx. 50 kg
Certified temperature:	-20°C to +56°C
Ingress protection:	IP66
Entries:	2 x M25, Ex e

Explosion Proof Certification

ATEX:	II 2 G Ex db eb T5/T6 Gb* II 2 D Ex tb IIIC T85°C Db* -20°C ≤ Tamb ≤ +46°C/56°C*
IECEx:	Ex db eb T5/T6 Gb* Ex tb IIIC T85°C Db* -20°C ≤ Tamb ≤ +46°C/56°C*

* Dependent on model and options

Alloy model

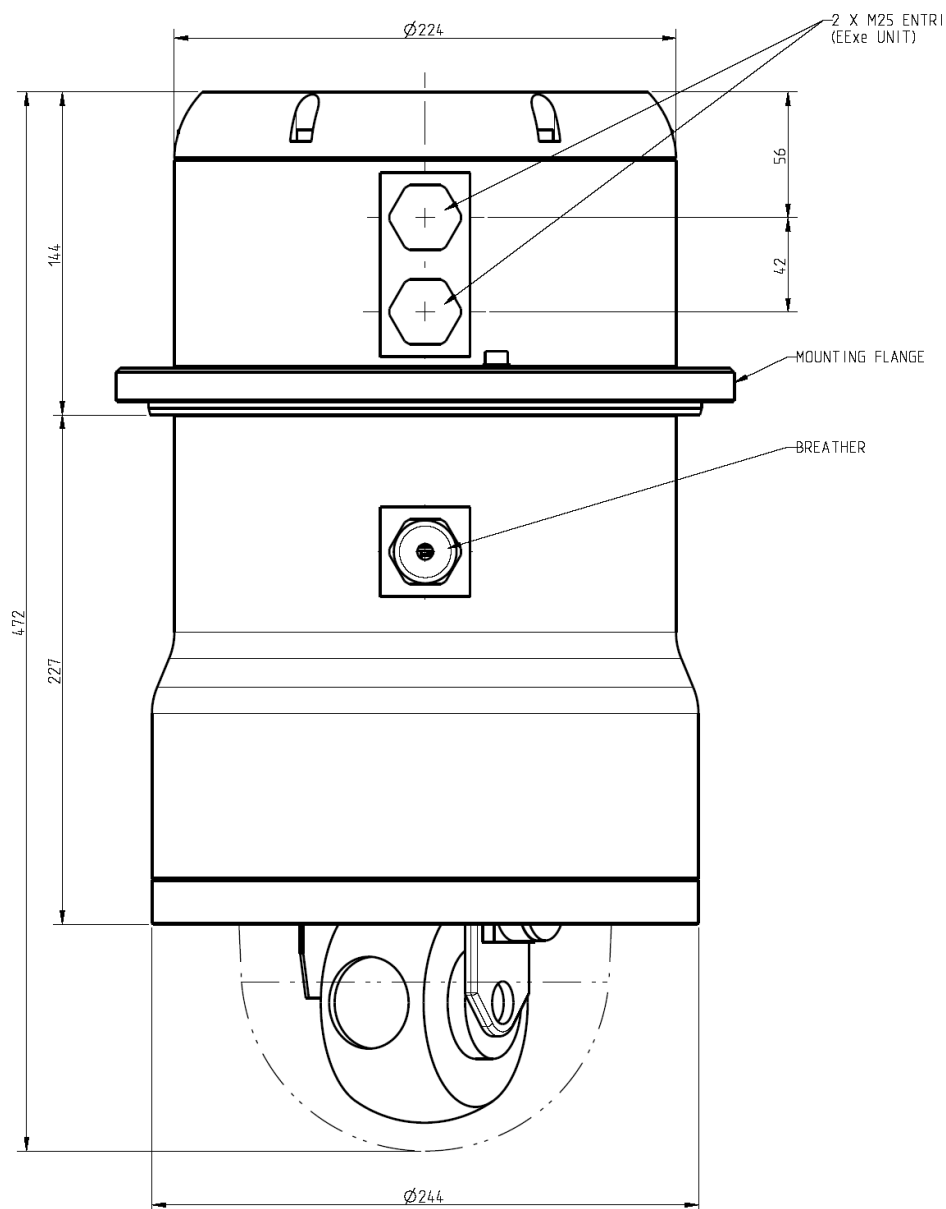


Stainless steel model



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TECHNICAL DRAWINGS



the values are in millimeters