ExCam® XF P3807

ATEX | IECEx | INMETRO | EAC Ex | ❄ -50°C | ☀ +60°C | IP68 | 4K ULTRA HD | ONVIF

Datasheet.

Features.

✓ Certification for Hazardous Areas
  (ATEX, IECEx, EAC-Ex, INMETRO, ...)
✓ 180° Panoramic View, 90° Vertical Coverage
✓ Seamless Image Composition of 4x 1/2.9" Sensors
✓ UltraHD Resolution: 4320x1920 (8,3 MP@30fps)
✓ New Dome with Optimized UV and Scratch Resistance
✓ Equipped with Lightfinder and Forensic WDR
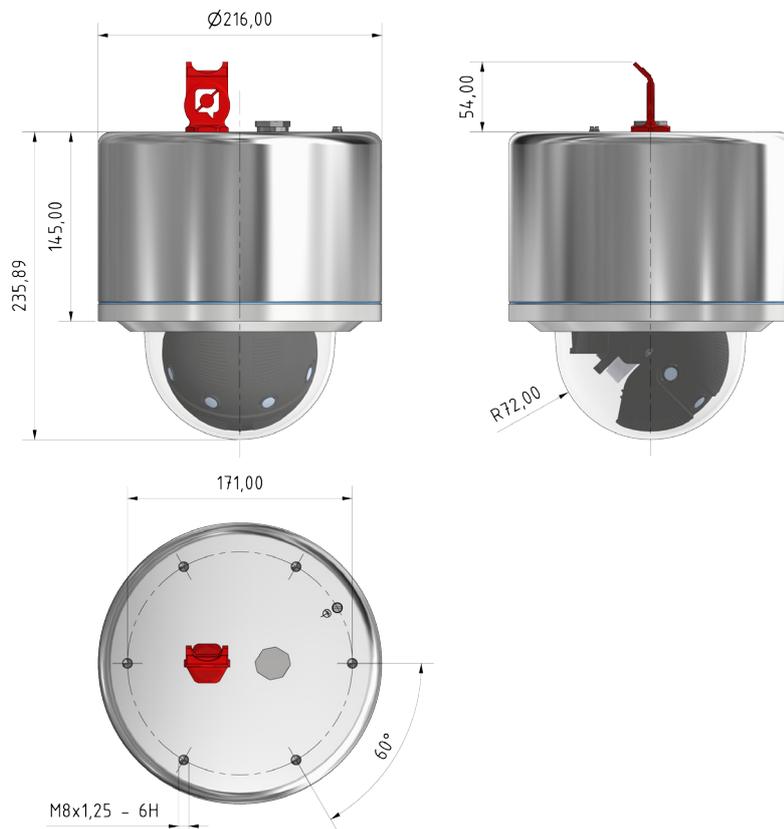✓ Easy Plug & Play Cable Connection via flipConnect

Zones.

Group II (Gas & Dust)	ATEX / IECEx / ...				
Zone	0	1	2	21	22
For use in	✗	✓	✓	✓	✓

Further certifications upon request.

Dimensions.

T08 - VA4.1K.PS1 - LL.H - 000.X - X

Ø216,00
235,89
145,00
54,00
R72,00
171,00
60°
M8x1,25 – 6H

Data.

ExCam® XF P3807

Explosion protection
Model key:	T08-VA4.1K.PS1-LL.H-000.X-X
Declaration of conformity:	DIN EN/IEC/GOST ... 60079-0, DIN EN/IEC/GOST ... 60079-1, DIN EN/IEC/GOST ... 60079-31
Ex- Certificates:	TUEV-18-ATEX-8218X, IECEx-TUR-18.0023X, INMETRO TUEV 23.0363X, No. TC RU C-DE.HA65.B.01652/22, TUEV-22-UKEX-7137X, PESO: A/P/HQ/KA/104/5735, IA No.: MASC MS/18-3256X

Ex- Marking of the camera:
Explosion protection (gas): (Ex) II 2G Ex db IIC T6 Gb
Explosion protection (dust): (Ex) II 2D Ex tb IIIC T80°C Db

Mechanical characteristics:
Housing material:	Stainless Steel (AISI 316L/1.4404)
Protection level:	IP68 / IP66 (IEC/EN 60529)
Weight:	Approx. 15 kg

Range of temperature:
	-50°C bis +60°C
Startup temperature:	> 0°C
Storage temperature:	-40°C bis +65°C

Camera power supply:
IEEE 802.3af/802.3at Type 1 Class 3 , typical:7W, max. 12.9W

Connector:
RJ45 Socket via flipConnect

Lens
Type:	Fixed f= 3.2 mm, F2.0, automatically removable infrared-cut filter
Angle of view:	Horizontal field of view: 180°, vertical field of view: 90°
Minimum illumination:	Color: 0.17 lux, F2.0, B/W: 0.05 lux, F2.0
Minimum focus distance:	10 m

Camera
Image sensor:	4x 1/2,9" progressive scan RGB CMOS
Shutter time:	1/33500 s to 1/10 s
Camera angle adjustment:	Pan: ±180°, Tilt: 0°/35°/45°/55° (45° default), Roll:±5°
Video compression:	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles, Motion JPEG
Resolutions:	4320x1920 (HDTV 1080p) to 480x270
Frame rate H.264 / Motion JPEG:	8.3 MP (client dewarp): up to 25/30 fps. (50/60 Hz) without WDR, up to 12.5/15 fps (50/60 Hz) with WDR 7.5 MP (dewarped): up to 12.5/15 fps (50/60 HZ)
Video streaming:	8.3 MP (client dewarp): 1 individually configurable stream in H.264 and Motion JPEG 7.5 MP (dewarped): 2 individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264; Controllable frame rate and bandwidth; VBR/ABR/MBR H.264
Image settings:	Saturation, contrast, brightness, sharpnes, Forensic WDR: up to 120dB depending on scene, white balance, day/night threshold, exposure mode, compression, dynamic text and image overlay, exposure control, noise reduction, Fine tuning of behavior at low light, polygon privacy masks
Edge storage:	microSD/SDHC/SDXC slot supporting memory card up to 64 GB (card included); Support for recording to dedicated network-attached storage (NAS)

Network
Security:	Password protection, IP address filtering, HTTPS* encryption, digest authentication, user access log, ...
Supported protocols:	IPv4/v6, USGv6, ICMPv4/v6, HTTP, HTTPSa, HTTP/2, TLSa, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP, SNMPv1/v2c/, v3(MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, etc...
Application Programming Interface:	Open API for software integration, including supporting the ONVIF G/M/S/T specification available at http://onvif.org, as well as VAPIX® from Axis Communications, axis.com
Intelligent video:	Basic analytics: Video Motion Detection, Fence Guard, Loitering Guard, active tampering alarm, Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Alarm events:	File upload via FTP, HTTP and email notification via email, HTTP and TCP, Video recording to edge storage. 4 configurable alarm inputs and outputs

Optional accessories:
Wall mount bracket (WMB, for hanging mounting), Pole mount bracket (PMB), Ceiling mount bracket (CMB), Mounting adapter for rear mounting, ExConnection Rails, Cables ...

* = illustrations show models with accessories that are subjected to an extra charge

Q SAMCON
Prozessleittechnik GmbH

Schillerstrasse 17
D-35102 Lohra-Altenvers

info@samcon.eu
T: +49 6426 9231-0
F: +49 6426 9231-31