ExCam® IPP1275

Datasheet.

Ultra compact ATEX, IECEx & EAC-Ex certified varifocal-camera

Features.

- ✓ Certification for Hazardous Areas
- ✓ Ultra-Compact and Leightweight Sensor Unit in Combination with a Main Unit
- ✓ Single-Cable-Solution (PoE)
- ✓ Protection Level of IP68/IP66 (IEC 60529)
- ✓ High Resolution: 1920x1080 (HDTV1080p)
- ✓ Varifocal-Lens

Zones.

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

More certificates upon request

Models.

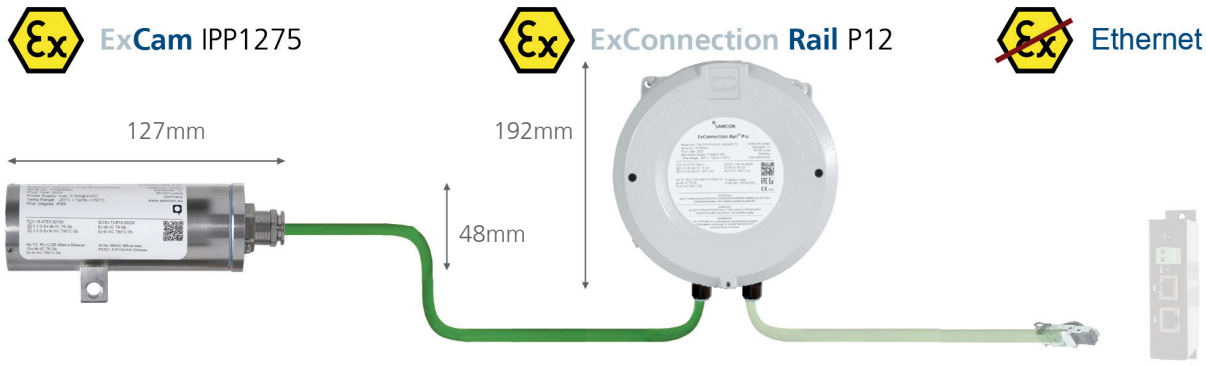
T08- VA.0.1.K1.BOR- N.N- XXX. N- X

- X: P = Plug RJ12 cable connector*; TD = Ethernet connector in a junction box (Ex-d)
- XXX: N = Non armoured cable
- ___ = Cable length (005 = standard, 025 = max.)
- N: N = Max. temp. ($T_{amb} \leq +50°C$)
- N: N = Min. temp. ($T_{amb} \geq -20°C$)
- VA0.1.K1.BOR = Stainless steel housing 1.4404 with borosilicat sight glass
- T08 = ATEX, IECEx & EAC-Ex Camera type No. 08 (TÜV 18...)

Model Variants.

Plug Variant: T08...P

Junction Box Variant: T08...TD



max. 25m

Lengths for both variants

max. 100m 100BASETX PoE

Data.

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Explosion protection

Declaration of conformity:	DIN EN/IEC/GOST ... 60079-0, DIN EN/IEC/GOST ... 60079-1, DIN EN/IEC/GOST ... 60079-31
Ex- Certificates Sensor Unit:	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, IA No.: MASC MS/18-3256X
Ex- Certificates Main Unit (for T08...-TD):	TUEV-10-ATEX-7969X, IECEx-TUR-16.0025X, INMETRO-TUEV-25.0993X
Ex- Marking Sensor Unit:	
Explosion protection (gas):	Ex II 2G Ex db IIC T6 Gb
Explosion protection (dust):	Ex II 2D Ex tb IIIC T80°C Db
Ex- Marking Main Unit (T08...-TD):	
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:

Sensor Unit:	Stainless Steel (AISI 316L/1.4404)
Main Unit:	T08-...-TD: aluminium, kopper free and see water resistant T08-...-P: polycarbonat
Protection level (cam/ExConnection Rail):	IP68/IP66 (IEC/EN 60529)
Weight:	Sensor Unit: 0.7 kg Main Unit (T08-...-TD): 4 kg Main Unit (T08-...-P): 0.72 kg

Range of temperature:

-20°C to +50°C

Power supply:

IEEE 802.3af/802.3at Type 1 Class 2 typical 3.4 W, max 4.1 W

Connection cable type:

	WWW.SAMCON.EU ... Cat.6 / 4x2xAWG24/7 ...
Outside diameter:	8.7 mm*

Lens

Type:	Fixed iris, varifocal, 2.8 mm bis 6.0 mm, F2.0
Field of view:	HFoV: 82° – 53°
Minimum illumination:	0.2 lux 850 IRE, F2.0

Camera

Image sensor:	Pixel size 2.8 µm
Shutter time:	1/16.500 to 5 s
Resolution:	1920x1080 HDTV 1080p
Videocompression:	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles, H.265 (MPEG-H Teil 2/HEVC) Main Profile, Motion JPEG
Frame rate:	25/30 fps (50/60 Hz)
Video streaming:	Multiple, individually configurable streams in H.264 and H.265 Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth, VBR/MBR H.264/H.265
Image settings:	Compression, color, brightness, sharpness, contrast, white balance, Forensic WDR, exposure value, exposure control, exposure zones, local contrasts, mirroring of images, text and image overlay, privacy masks
Edge storage:	microSD/SDHC/SDXC slot (card not included); Support for recording to dedicated network-attached storage (NAS)

Network

	100BaseTX (from Main Unit)
Security:	Password protection, IP address filtering, HTTPS encryption, digest authentication, user access log
Supported protocols:	IPv4/v6, HTTP, HTTPS, QoS Layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/, v3(MIB-II), etc...

System integration

Application Programming Interface:	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com; AXIS Video Hosting System (AVHS) with One-Click Connection; ONVIF® Profile S, ONVIF® Profile G and ONVIF® Profile T, specification at onvif.org
Analytics included:	AXIS Video Motion Detection, active tampering alarm, AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap
Event triggers:	Analytics, edge storage events
Event actions:	Pre- and post-alarm video buffering File upload: FTP, HTTP, HTTPS, network share Notification: email, HTTP, HTTPS, TCP and SNMP trap, WDR mode
Data streaming:	Event data

Optional accessories:

Wall mount bracket (WMB), Pole mount bracket (PMB)

SAMCON
Prozessleittechnik GmbH

Schillerstrasse 17
D-35102 Lohra-Altenvers

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

* = Cable is not longitudinal tight (see UM); Please observe the requirements of DIN/EN/IEC 60079-14.
** = Illustrations show models with accessories that are subjected to an extra charge

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