

ExCam® IPP1275



Datasheet.

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

Features.

- ✓ Certification for Hazardous Areas
- ✓ Ultra-Compact and Lightweight 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 / EAC-Ex				
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

↓ P = Plug RJ12 cable connector*
 ↓ TD = Ethernet connector in a junction box (Ex-d)
 ↓ N = Non armoured cable
 ↓ ___ = Cable length (005 = standard, 025 = max.)
 ↓ N = Max. temp. (Tamb ≤ +50°C)
 ↓ N = Min. temp. (Tamb ≥ -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



ExCam IPP1275



AXIS P12 MAIN UNIT



Ethernet



Junction Box Variant: T08...TD



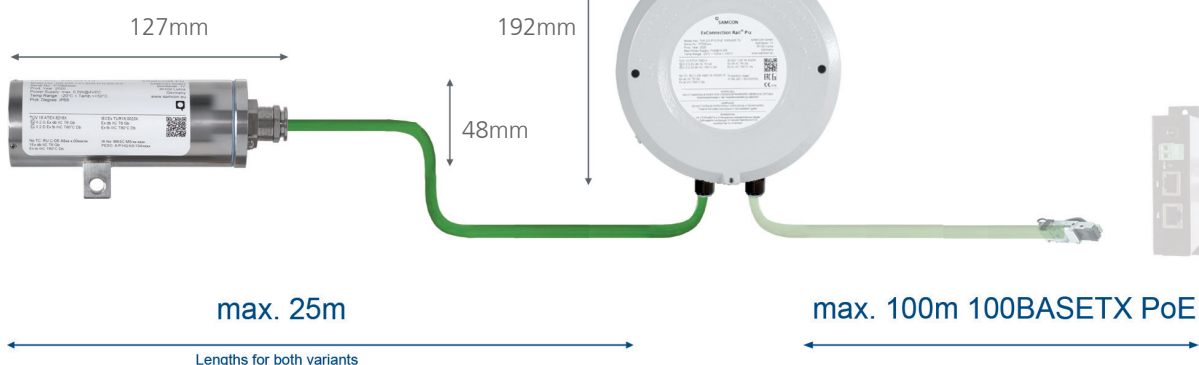
ExCam IPP1275



ExConnection Rail P12



Ethernet



Data.



Explosion protection

Declaration of conformity:



Ex- Certificates Sensor Unit:



Ex- Certificates Main Unit (for T08...-TD):

Ex- Marking Sensor Unit:

Explosion protection (gas):

Explosion protection (dust):

Ex- Marking Main Unit (T08...-TD):

Explosion protection (gas):

Explosion protection (dust):

DIN EN/IEC/GOST ... 60079-0,

DIN EN/IEC/GOST ... 60079-1, DIN EN/IEC/GOST ... 60079-31

TUEV-18-ATEX-8218X, IECEx-TUR-18.0023X,

No. TC RU C-DE.HA65.B.01652/22, TUEV-22-UKEX-7137X

TUEV-10-ATEX-7969X, IECEx-TUR-16.0025X,

No. TC RU C-DE.AB.61.B.00380/19

II 2G Ex db IIC T6 Gb

II 2D Ex tb IIIC T80°C Db

II 2G Ex d IIC T6 Gb

II 2D Ex tb IIIC T80°C Db



Mechanical characteristics:

Sensor Unit:

Main Unit:

Stainless Steel (AISI 316L/1.4404)

T08...-TD: aluminium, copper free and see water resistant

T08...-P: polycarbonat

IP68/IP66 (IEC/EN 60529)

Sensor Unit: 0.7 kg

Main Unit (T08...-TD): 4 kg

Main Unit (T08...-P): 0.72 kg

Protection level (cam/ExConnection Rail):

Weight:



Range of temperature:

Power supply:

Connection cable type:

Outside diameter:

Lens

Type:

Field of view:

Minimum illumination:

-20°C to +50°C

IEEE 802.3af/802.3at Type 1 Class 2 typical 2.5 W, max 4.0 W

WWW.SAMCON.EU ... Cat.6 / 4x2xAWG24/7 ...

8.7 mm*

Fixed iris, varifocal, 2.8 mm bis 6.0 mm, F2.0

HFOV: 82° – 53°

0.22 lux



Camera

Image sensor:

Shutter time:

Resolution:

Videocompression:

Frame rate:

Video streaming:

Image settings:

Edge storage:

1/2,9" (effective) progressive scan RGB CMOS

1/32500 to 2 s

1920x1080 HDTV 1080p

H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG

25/30 fps (50/60 Hz)

Multiple, individually configurable streams in H.264 and Motion JPEG

Axis Zipstream technology in H.264

Controllable frame rate and bandwidth, VBR/MBR H.264

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

microSD/SDHC/SDXC slot (card not included);

Support for recording to dedicated network-attached storage (NAS)



Network

Security:

Supported protocols:

100BaseTX (from Main Unit)

Password protection, IP address filtering, HTTPS encryption,

digest authentication, user access log

IPv4/v6, HTTP, HTTPS, QoS Layer 3 DiffServ, FTP, SMTP,

Bonjour, UPnP, SNMPv1/v2c, v3(MIB-II), etc...



System integration

Application Programming Interface:

Analytics included:

Event triggers:

Event actions:

Data streaming:

Optional accessories:

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

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

Analytics, edge storage events

Pre- and post-alarm video buffering

File upload: FTP, HTTP, HTTPS, network share

Notification: email, HTTP, HTTPS, TCP and SNMP trap, WDR mode

Event data

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



Schillerstrasse 17

D-35102 Lohra-Altenvers

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* = 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