RoughCam® IPP1275

Datasheet.

Ultra compact and robust varifocal-camera

Features.

- ✓ **Extremely Robust**
- ✓ **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**

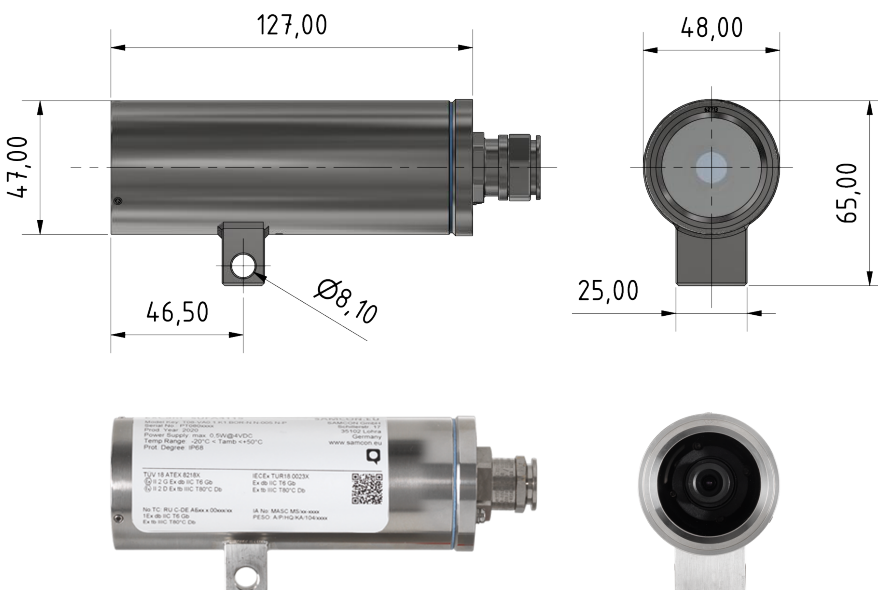## Models.

T10- VA.0.1.K1.BOR-   N.N- XXX. N- P

P = Plug RJ12 cable connector

N = Non armoured cable

___ = Cable length (005 = standard, 025 = max.)

N = Max. temp. (T$_{amb}$ ≤ +50°C)

N = Min. temp. (T$_{amb}$ ≥ -20°C)

VA0.1.K1.BOR = Stainless steel housing 1.4404 with borosilicat sight glass

T10 = Camera type No. 10, cameras for safe areas

Dimensions.

127,00

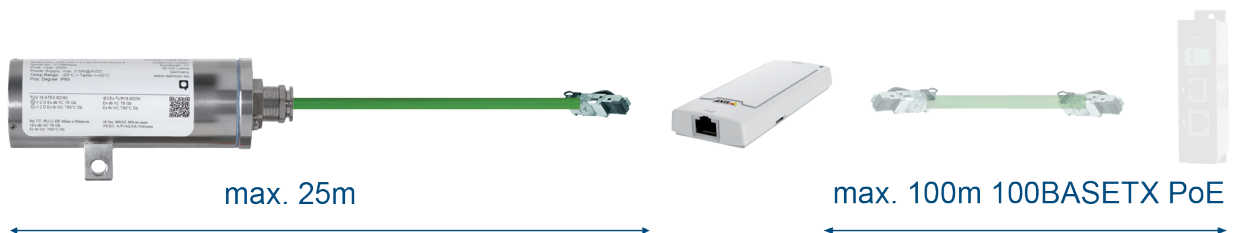47,00

46,50

Ø8,10

48,00

65,00

25,00

Data.

RoughCam® IPP1275

IP68

+50°C

-20°C

SAMCON
Prozessleittechnik GmbH

Schillerstrasse 17
D-35102 Lohra-Altenvers

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

Mechanical characteristics:
Sensor Unit:	Stainless Steel (AISI 316L/1.4404)
Main Unit:	Polycarbonat
Protection level (SU/MU):	IP68/IP66 (IEC/EN 60529)
Weight:	Sensor Unit: 0.7 kg
	Main Unit: 0.72 kg

Range of temperature:
-20°C to +50°C

Power supply:
IEEE 802.3af/802.3at Type 1 Class 2 typical 2.5 W, max 4.0 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:	0.22 lux

Camera
Image sensor:	1/2,9" (effective) progressive scan RGB CMOS
Shutter time:	1/32500 to 2 s
Resolution:	1920x1080 HDTV 1080p
Videocompression:	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Frame rate:	25/30 fps (50/60 Hz)
Video streaming:	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
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
ONVIF
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)

RoughCam IPP1275   AXIS P12 MAIN UNIT   Ethernet

max. 25m   max. 100m 100BASETX PoE

* = Illustration shows model with accessories that are subjected to an extra charge