RoughCam® IPP1280

IP68 Onvif

Datasheet.

Ultra compact and extremely robust thermal network camera

Features.

- ✓ Extremely Robust
- ✓ **Ultra-Compact** and Leightweight Sensor Unit in Combination with a Main Unit
- ✓ **Thermal Technology for Low False Alarm Rate**
- ✓ **Single-Cable-Solution** (PoE)
- ✓ Protection Level of **IP68/IP66** (IEC 60529)
- ✓ Resolution Thermal: 208x156

Distance Ranges [m].

Johnson's criteria (theoretical values)	Human 1.8 x 0.5 m	Vehicle 4 x 1.5 m
Detection (1.5 pixels on target)	166 - 182	511 - 559
Recognition (6 pixels on target)	41 - 45	127 - 139
Identification (12 pixels on target)	20 - 22	63 - 69

Information without liability - values may vary

Models.

T10- VA.0.1.K1.GER-   N.N- 005. N- X

P = Plug RJ12 cable connector

N = Non armoured cable

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

N = Max. temp. (T$_{amb}$ $\leq$ +60°C)

N = Min. temp.(T$_{amb}$ $\geq$ -30°C)

VA0.1.K1.GER = Stainless steel housing 1.4404 with germanium sight glass

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

Dimensions Sensor Unit.

127,00

47,00

46,50

Ø8,10

48,00

65,00

25,00
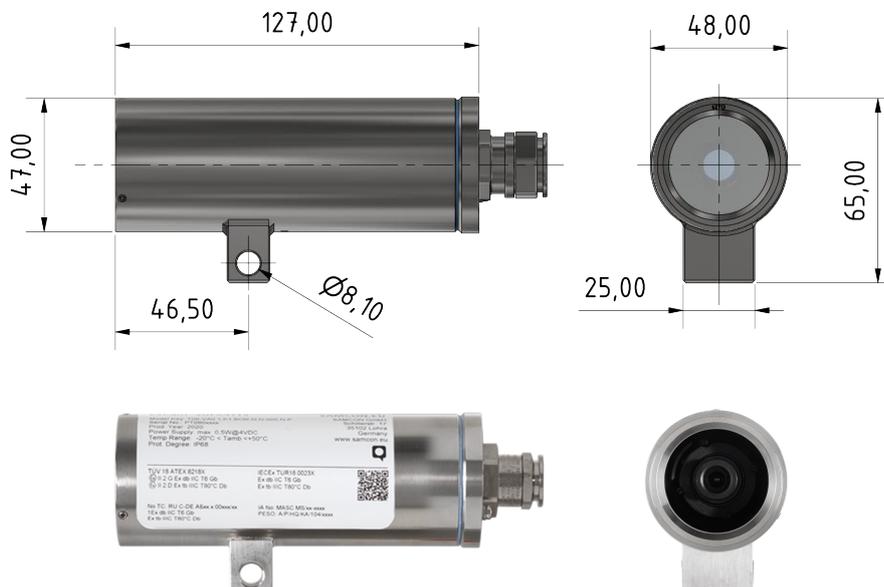
Data.

RoughCam® IPP1280

IP68

+60°C

-30°C

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:
Sensor Unit: -30°C to +60°C
Main Unit: -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:	Athermalized, 4 mm, F1.2
Field of view:	HFoV: 35.4° – 28°
Minimum object distance:	1 m

Camera
Image sensor:	Uncooled microbolometer
Resolution:	208x156 p, image scalable up to 640x480
Pixel size:	12 µm
Spectral range:	8 - 14 µm
Sensitivity:	NETD < 100 mK
Videocompression:	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Frame rate:	Up to 8.3 fps
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:	Saturation, contrast, brightness, sharpness, Forensic WDR, white balance, exposure mode, exposure zones, compression, mirroring of images, electronic image stabilization, barrel distortion correction, text and image overlay, dynamic text and image overlay, privacy masks, Rotation: 0°, 90°, 180°, 270° including Corridor Format
Edge storage:	microSD/SDHC/SDXC slot supporting memory card up to 64 GB (card not included); Support for recording to dedicated network-attached storage (NAS)

Network
	100BaseTX (from the 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

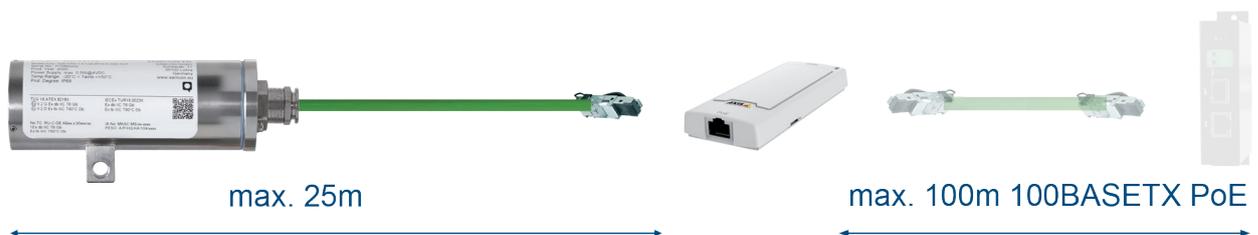|	
Application programming interface:	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com; AXIS Video Hosting System (AVHS) with One-Click Connection; ONVIF® Profile S, ONVIF® Profile G and ONVIF® Profile T, specification at onvif.org
Analytics included:	AXIS Video Motion Detection, AXIS Guard Suite, AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap
Event triggers:	Analytics, hardware temperature, edge storage events, time scheduled, video motion detection, live stream accessed, edge storage events, virtual inputs through API
Event actions:	Pre- and post-alarm video buffering File upload: FTP, SFTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS, TCP and SNMP trap
Data streaming:	Event data

Optional accessories:
Wall mount bracket (WMB), Pole mount bracket (PMB)

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RoughCam IPP1280   **AXIS P12 MAIN UNIT**   **Ethernet**

max. 25m   max. 100m 100BASETX PoE

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