RoughCam® IPP1387

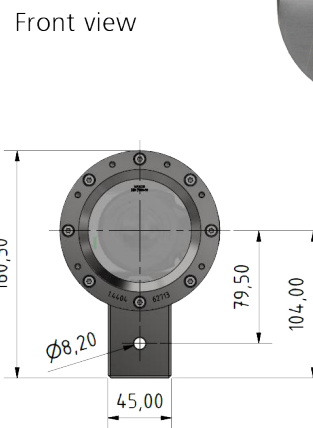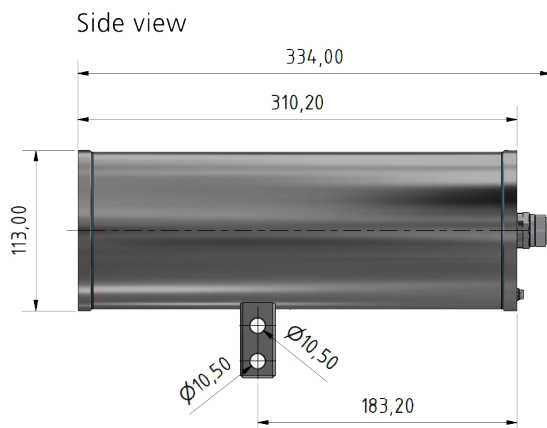❄ -60°C ☀ +60°C | IP66 | IP68 | 5MP 1944p | Onvif

Datasheet.

Features.

- ✓ Extremely robust Camera for Demanding Environments
- ✓ Arctic-Temperature-Control (-60°C)
- ✓ Single-Cable-Solution (PoE / 24VDC)
- ✓ Protection Level of IP66/68 (IEC 60529)
- ✓ High Resolution: 2592x1944 (5 MP bei 25/30 fps)
- ✓ Powerful Remote-Zoom-Objektiv (i-CS)
- ✓ Lightfinder and WDR Technologies
- ✓ Easy VMS Integration
- ✓ Deep Learning Processing Unit
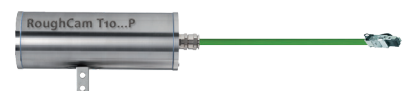- ✓ Vandal-proof stainless steel enclosure

Dimensions [mm].

Side view

334,00
310,20
113,00
Ø10,50 Ø10,50
Ø10,50
183,20

Front view

160,50
79,50
104,00
Ø8,20
45,00

Safety Wire *

Models.

T10- VA.2.3.K3.BOR2- X.X- XXX.X- X

P = Plug RJ45 cable connector (standard)
T = Terminal box connection

N = Non armoured cable (standard)
A = Armoured cable

___ = Cable lenght (see UM) (005 = standard)

H = High temp. battery installed (Tamb ≤ +60°C)

N = Normal temp., no heater installed (Tamb ≥ -10°C)
LL = Low Low temp., PTC heater installed (Tamb ≥ -60°C)

VA2.3.K3.BOR2 = Camera in stainless steel enclosure 1.4404
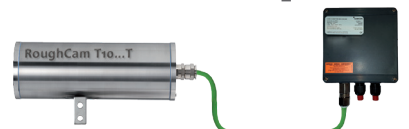
T10 = Camera type No. 10, cameras for safe areas

Plug Termination.

T10- VA2.3.K3.BOR2-X.X-XXX.X-P

RoughCam T10...P

Terminal Box Termination.

T10- VA2.3.K3.BOR2-X.X-XXX.X-T

RoughCam T10...T

Data.

RoughCam® IPP1387

IP66

IP68

+6o°C

-60°C

Mechanical Characteristics	Camera: Stainless Steel (AISI 316L/1.4404), TB: Polyester Resin
Protection level (Cam/TB):	IP66/68 / IP66 (IEC/EN 60529)
Weight:	7.8 kg
Range of temperature	-60°C to +60°C
Type ...N.H:	-10°C to +60°C
Type ...LL.H:	-60°C to+60°C
Storage conditions:	-40°C to +65°C, non-condensing; (put into operation at T > 0°C)
Camera power supply	IEEE 802.3af/802.3at Type 1 Class 3, typical 4.24 W, max 11.73 W
Heater power supply	40W@24VDC@-60°C (see user manual)
Connection cable type	WWW.SAMCON.EU SKD01-T / ASKD02-T or
	(A)SKDP03-T Cat.6 / 4x2xAWG23/1 GN J/W (3G1.5)
Outside diameter:	8.9mm ± 0.3mm/ 15.5mm ± 0.6mm**
Lens	
Type:	IR corrected, i-CS-mount lens; 2.8 - 8.5 mm,F1.2
	Field of view: HFoV: 103° – 38°, VFoW: 81° – 28°
Minimum illumination:	Color: 0.1 lux at 50 IRE F1.2, B/W: 0.02 lux at 50 IRE F1.2

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Camera	
Image sensor:	1/2.7" progressive scan RGB CMOS
Shutter time:	With WDR: 1/66500 s to 2 s
Videocompression:	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles
	H.265 (MPEG-HPart2/HEVC) Main Profile, Motion JPEG
Resolution:	2592x1944 (5MP) to 160x90 (16:9), 2688x1512 (4MP) to 160x90 (16:9),
	1280x720 (HDTV 720p) to 160x90 (16:9), 2592x1944 to 160x120 (4:3)
Frame rate:	Up to 30/25 fps (60/50 Hz) in all resolutions
Video streaming:	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG
	Axis Zipstream technology in H.264 and H.265
	Controllable frame rate and bandwidth, VBR/ABR/MBR H.264/H.265,
	Video streaming indicator
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
Pan/Tilt/Zoom:	Remote-Zoom, Remote-Focus and digital PTZ
Edge storage:	SD/SDHC/SDXC slot supporting memory card up to 64 GB (card not included);
	Support for recording to dedicated network-attached storage (NAS)

5MP
1944p

Network	
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),
	DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, 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 and ONVIF® Profile G, specification at onvif.org
Analytics Included:	Deep Learning Processing Unit, AXIS Object Analytics, AXIS Scene Metadata, AXIS Live Privacy Shield,
	AXIS Video Motion Detection
	Support for AXIS Camera Application Platform enabling installation of third-party applications,
	see www.axis.com/acap
Event triggers:	Analytics, edge storage events, supervised external input, 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
Built-in installation aids:	Pixel counter

Optional accessories	Wall mount bracket, Pole mount bracket, Ceiling mount bracket, Weatherprotectionroof (WPR-VA2.3)
	Terminal box ExTB-3, Non-armoured cable kits, Armoured cable kits, ExConnection Rails, ...

*

*   = illustrations show models with accessories that are subjected to an extra charge
**   = depending on model (see User Manual)