RoughCam® IPQ1785-W

❄ -60°C   ☀ +60°C   IP68   HD 1080p   Onvif

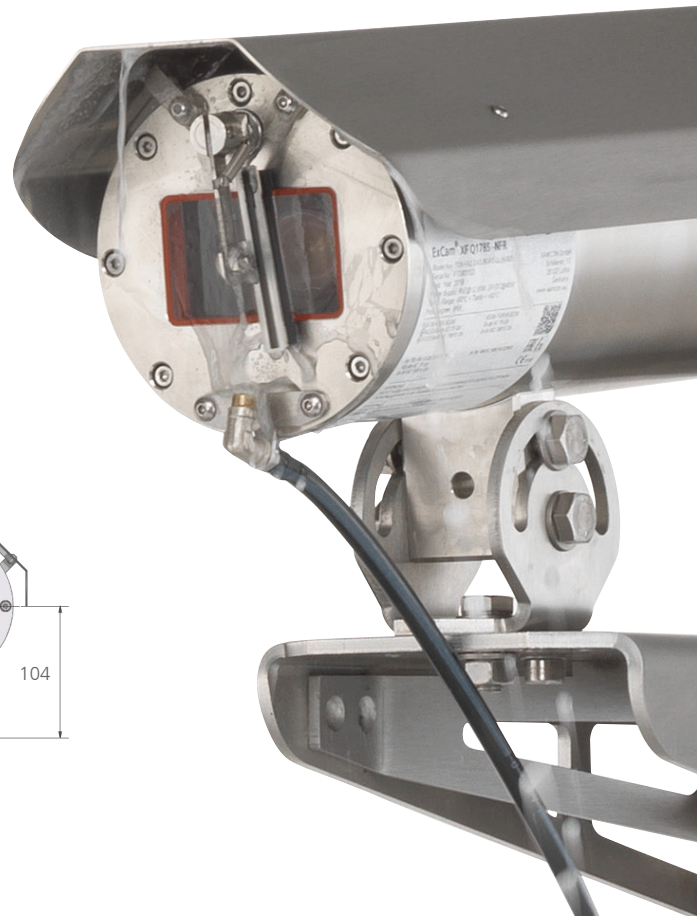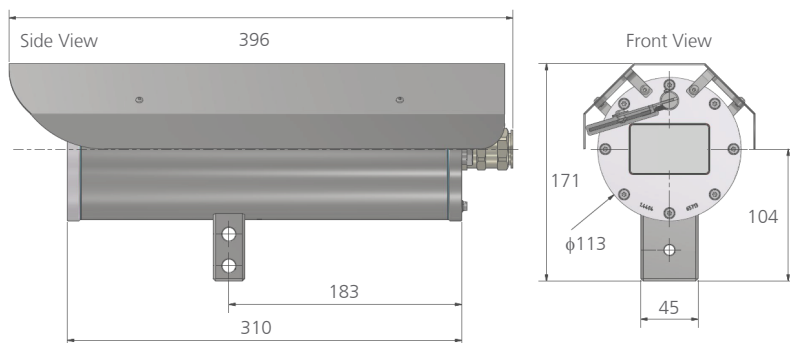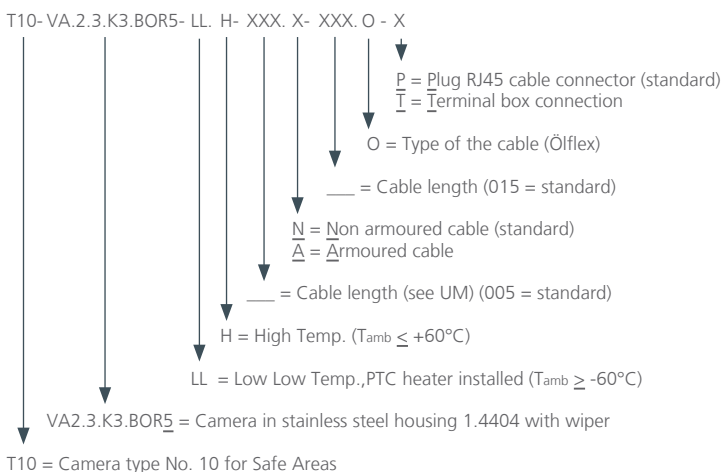## Datasheet.

Features.

- ✓ Powerful **Wiper Solution** with Torque Control
- ✓ Prepared for common Use with **cam.Cleaner** for IP-Controllable Water Supply
- ✓ Powerful Motor-Zoom-Autofocus-Lens **(32x Optical)**
- ✓ High Resolution: **1920x1080** (HDTV 1080p)
- ✓ **Arctic-Temperature**-Control (-60°C)
- ✓ **Single-Cable-Solution** (PoE / 24VDC)
- ✓ Protection Level of **IP68** (IEC 60529)
- ✓ **Lightfinder** and **WDR** Technologies
- ✓ Easy **VMS Integration**

Dimensions [mm].

Side View   396

Front View

171
φ113
104
45
183
310

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Models.

T10- VA.2.3.K3.BOR5- LL. H- XXX. X- XXX. O - X

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

O = Type of the cable (Ölflex)

___ = Cable length (015 = standard)

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

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

H = High Temp. (Tamb ≤ +60°C)

LL = Low Low Temp.,PTC heater installed (Tamb ≥ -60°C)

VA2.3.K3.BOR5 = Camera in stainless steel housing 1.4404 with wiper

T10 = Camera type No. 10 for Safe Areas

Plug Termination.

T10- VA2.3.K3.BOR5-LL.H-XXX.X-XXX.O-P

RoughCam T10...P

Terminal Box Termination.

T10- VA2.3.K3.BOR5-LL.H-XXX.X-XXX.O-T

RoughCam T10...T

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Data.

RoughCam® IPQ1785-W

IP68	**Housing material (CAM/TB):**	Stainless Steel (AISI 316L/1.4404), Polyester resin
	Protection level (CAM/TB):	IP68, IP66 (IEC/EN 60529)
	Weight:	ca.9.5 kg

SAMCON
Prozessleittechnik GmbH

Range of temperature: -60°C to +60°C

Schillerstrasse 17
D-35102 Lohra-Altenvers

Camera power supply:	IEEE 802.3af/802.3at Type 1 Class 3 Typical 7.7 W, max 12.95 W
Heater power supply:	40W@24VDC@-60°C* (see user manual)
Heater & valve power supply:	50W@24VDC

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

Connection cable type:	WWW.SAMCON.EU ... Cat.6 / 4x2xAWG23/1 ...*
Outside diameter:	8.9 mm ± 0.3 mm*

Lens

Type:	4.3 – 137 mm, F1.4 – 4.0, Autofocus
Field of view:	HFoV: 60° – 2.3°, VFoW: 39° – 1.3°
Minimum illumination:	Color: 0.16 lux at 50 IRE F1.4, B/W: 0.03 lux at 50 IRE F1.4

Camera

Image sensor:	1/2.8" progressive scan RGB CMOS
Shutter time:	1/66500 s to 1 s

HD 1080p

Videocompression:	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution:	1920x1080 HDTV 1080p
Frame rate:	With WDR: Up to 30/25 fps (60/50 Hz) in all resolutions
	Without WDR: Up to 60/50 fps (60/50 Hz) in all resolutions
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
Pan/Tilt/Zoom:	32x optical zoom, preset positions
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)

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, ONVIF® Profile G and ONVIF® Profile T, specification at onvif.org
Analytics Included:	AXIS Video Motion Detection, active tampering alarm, gatekeeper Supported AXIS Perimeter Defender, 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, 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, Non-armoured cable kits, armoured cable kits Connection Rails, ...

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*   = depending on model
** = illustrations show models with accessories that are subjected to an extra charge
cam.Cleaner is not included. Please also note the datasheet cam.Cleaner