

RoughCam® IPP5655 MKII



Datasheet.

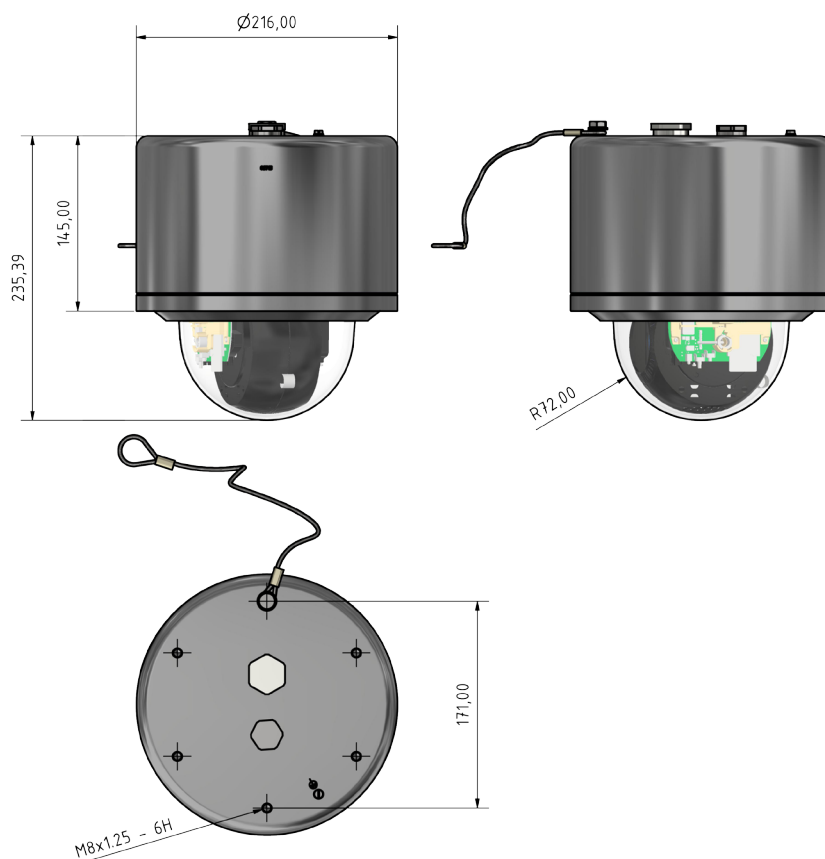
Features.

- ✓ Extremely robust Camera for **Demanding Environments**
- ✓ High Resolution: **1920x1080** (HDTV 1080p)
- ✓ Powerful Motor Zoom (**32x Optical**)
- ✓ **Dome** with **Optimized UV and Scratch Resistance**
- ✓ One-Cable-Wiring (**PoE+**) IEEE 802.3at
- ✓ Equipped with **Lightfinder** and **Forensic WDR**
- ✓ Endless and very **fast and precise** PAN Drive (0.1° – 350°/s)
- ✓ Very **fast and precise** TILT Drive (0.1° – 350°/s)



Dimensions [mm].

T10 - VA4.1K.PS1 - L.H - 005.X - X



Models.

T10- VA4.1K.PS1- L.H- XXX.X- X

↓
 P = Plug RJ45 termination
 T = Terminal box (Ex-e) termination
 ↓
 N = Non armoured cable
 A = Armoured cable
 ↓
 _ = Cable length in m
 ↓
 H = High temperature ($T_{amb} < +60^{\circ}\text{C}$)
 L = Low temp. ($T_{amb} \geq -30^{\circ}\text{C}$)
 ↓
 VA4.1K.PS1 = Stainless steel short dome-camera housing
 T10 = Camera type No. 08, cameras for safe areas

Data.

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IP68

Mechanical characteristics

Housing material:

Camera: Stainless Steel (AISI 316L/1.4404),
terminal box: polyester resin
IP68 / IP66 (IEC/EN 60529) / IP66
Approx. 15.3kg

IP66

Protection level (CAM/TB):
Weight:



Range of temperature

Storage temperature:

-30°C bis +60°C
-40°C bis +65°C



Electrical characteristics

Power supply of the camera:

IEEE 802.3at Type 2 Class 4 (PoE+): Typical 10.5 W, max. 19 W



Connection cable type

Outside diameter:

WWW.SAMCON.EU ... Cat.6 / 4x2xAWG23/1 ...*
8.9 mm - 12.4 mm*



Lens

Type:

Horizontal angle of view:

Minimum illumination:

4.3–137.6 mm, F1.4–4.0, Autofocus, Auto-Iris, Automatic day/night
58.3°–2.4° @ 16:9
Color: 0.1 lux at 30 IRE F1.4, B/W: 0.01 lux at 30 IRE F1.4



Camera

Image sensor:

Shutter time:

Video compression:

Progressive scan CMOS 1/2.8"

1/66500s to 2s

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

H.265 and Motion JPEG

1920x1080 (HDTV 1080p) to 320x180

Up to 60/50 fps (60/50 Hz) in all resolutions

Pan: 360° endless, 0.1°/s–350°/s,

Tilt: 160°@58.3 FoV, 0.1°/s–350°/s

32x Optical zoom and 12x Digital zoom, Total 384x zoom,

256 preset positions, E-flip, Limited guard tour, Control queue,

On-screen directional indicator, Set new pan 0°, Focus window

Multiple, individually configurable streams in H.264,

H.265 and Motion JPEG, Controllable frame rate and bandwidth,

Axis' Zipstream technology in H.264, VBR/MBR H.264

Compression, Color, Brightness, Sharpness, Contrast, Local contrast,

White balance, Exposure control, Exposure zones,

Automatic backlight compensation, Fine tuning of behavior

at low light, 120 dB WDR - Forensic Capture,

Manual shutter time, Text and image overlay, 20 individual

3D privacy masks, Image freeze on PTZ,

Electronic Image Stabilization

HD
1080p

Resolutions:

Frame rate:

Pan/Tilt/Zoom:

Video streaming:

Image settings:



Network

Security:

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),

DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, etc...

Open API for software integration, including supporting

the ONVIF S specification available at www.onvif.org,

as well as VAPIX® from Axis Communications,

File upload via FTP, HTTP and email notification via email,

HTTP and TCP, Video recording to edge storage



Supported protocols:

Application Programming Interface:

Alarm events:

Optional accessories:

Wall mount bracket, Pole mount bracket, Ceiling mount bracket,
Connection Rails, ...

* = depending on model

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

