

EC-932-TXF4TV2W-SM-M Art. No. 352247



- Very high optical zoom (40x), electronic image stabiliser and edge recording
- Easy maintenance – innovative modular system
- Single mode fibre optic and 24 VDC power supply
- Cleaning wiper and day & night function
- Wide temperature range: -60 °C ... +60 °C, +75 °C peak

MY R. STAHL EC932A



The EC-932-TXF4TV2W-SM-M camera is a certified camera station made entirely of electropolished AISI316L stainless steel and specially designed for use in potentially explosive areas. It is equipped with the latest generation of a day/night IP camera, a sun shield, a heater and a wind-screen wiper.

The camera uses the latest technologies and is a great video surveillance solution for potentially explosive applications such as oil and gas exploration/production, oil and gas refining/transportation, and installations in the harshest environments, both onshore and offshore.

The camera has been designed with ease of maintenance in mind. The well thought-out enclosure concept allows easy access to all relevant internal components.

The EC-932-TXF4TV2W-SM-M camera offers multi-stream H264/H265/MJPEG encoding, is ON-VIF® compliant and compatible with most VMS solutions available on the market.

The camera is equipped with a 24 VDC power supply module and a single mode fibre optic converter.

Technical Data

General

Series	Bullet Autofokus Zoom Camera - EC-932
Version	Autofocus zoom camera
Description	5MP bullet camera
Variant	Single mode media converter

Explosion Protection

Application range (zones)	1, 2, 21, 22
Scope	EU (CE / ATEX) Global (IECEX) United Kingdom (UKCA) United Kingdom (UKEX) Brazil (INMETRO) United Arab Emirates (ECAS)
IECEX gas certificate	IECEX EXV 22.0032X
IECEX gas explosion protection	Ex db IIC T6...T4 Gb
IECEX dust certificate	IECEX EXV 22.0032X
IECEX dust explosion protection	Ex tb IIIC T85°C...T135°C Db
ATEX gas certificate	ExVeritas 22ATEX1325X
ATEX gas explosion protection	Ex II 2 G Ex db IIC T6...T4 Gb
ATEX dust certificate	ExVeritas 22ATEX1325X
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T85°C...T135

EC-932-TXF4TV2W-SM-M Art. No. 352247

Explosion Protection

UKEX certification	ExVeritas 22UKEX1326X
INMETRO certification	CPEX 23.1071 X
ECAS certification	24-11-130192/E24-11-134907/NB0001
UKEX gas explosion protection	Ex II 2 G Ex db IIC T6/5/4 Gb
UKEX dust explosion protection	Ex II 2 D Ex tb IIIC T85/100/135°C Db
INMETRO gas explosion protection	Ex db IIC T6...T4 Gb
INMETRO dust explosion protection	Ex tb IIIC T85°C...T135°C Db
EMC Directive	EN 55032; EN 55035; EN/IEC 61000-3-2; EN/IEC 61000-3-3; EN/IEC 61000-6-2; EN/IEC 61000-6-4; CISPR-32; CISPR-35; DNV-CG-0339
RoHS Directive	2011/65/EU + 2015/863/EU (RoHS 3)
WEEE Directive	2012/19/EU
Low-voltage Directive	EN/IEC 62368-1
FCC certification	FCC part 15B

Electrical Data

Rated operational voltage DC	24 V
Interfaces	FX (single-mode)
Connection	Ethernet LAN 100Base-TX, RJ45
I/O relay	External input

Camera Data

Sensor	1/2.8" progressive CMOS
Day/night camera	Yes
Resolution	5 MP, 2092x1944 pixels
Zoom	40x optical, 10x digital
Viewing angle	62.6° – 1.9° H, 48.8° – 1.4° V
Min.light. B/W (ICR-ON)	0,002 lx
Minimum illumination color (ICR-OFF)	0.04 lx
Frame rate (fps)	60fps (2MP), 30fps (3MP/WDR)
Compression	H.264, H.265, MJPEG
White balance	Yes
Wide Dynamik Range	Yes
Web server	Yes
Streaming	ONVIF Profile S, T, G, M
Special feature	Edge recording, NDAA-compliant,
Analytics	Motion detection / manipulation, intrusion detection, wrong direction, object removal, tampering, loitering, stationary vehicle, object counting
Events	External input, analysis, network failure detection, regular event, manual triggering
Edge Recording	microSD/SDHC/SDXC
Number of streams	4 streams

Software

Network Configuration	IPv4/v6,TCP,RTSP,HTTP HTTPS, ICMP, FTP, SMTP, PPPoE, UPnP, IGMP, SNMP, QoS, ARP, NTP, DHCP, UDP,
Streaming	ONVIF Profile S, T, G, M

Ambient Conditions

Ambient temperature	-60 – 60 °C
Ambient temperature note	+75 °C peak

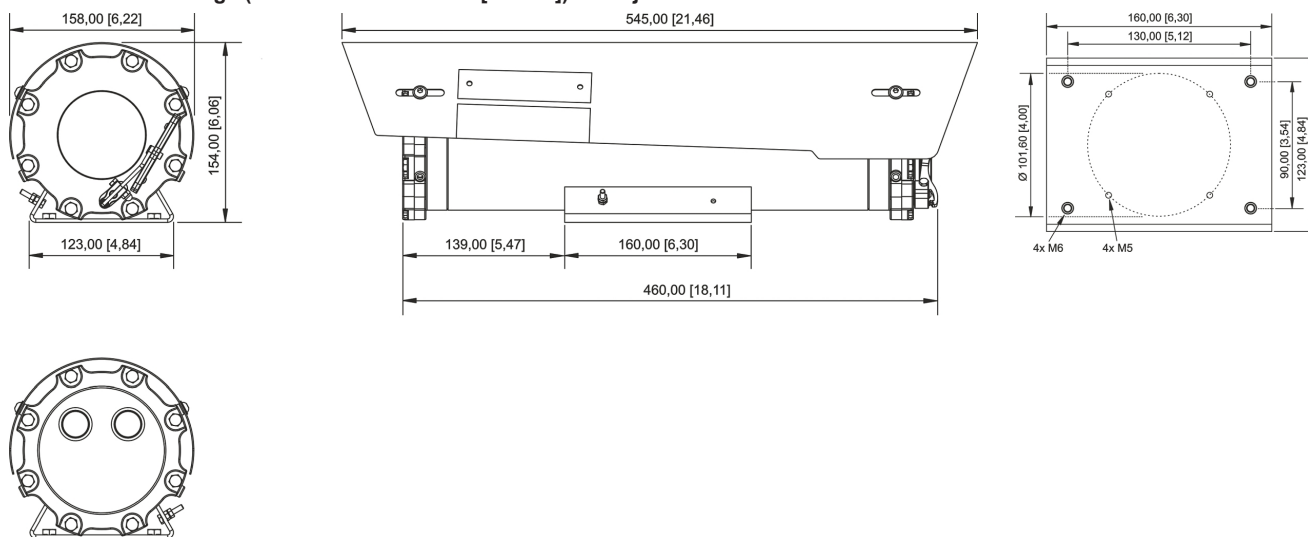
EC-932-TXF4TV2W-SM-M Art. No. 352247

Mechanical Data

Degree of protection (IP)	IP66, 67, 68, 69
Note on degree of protection	EN 60529, NEMA 4X
IK impact protection	IK10, front panel IK08
Vibration and shock	EN/IEC 60068-2-6; EN/IEC 60068-2-27; DNV-CG-0339
Enclosure material	Stainless steel 316L
Surface treatment	Electropolished
Cable length	0 m
Opening for cable gland	2x M25x1.5
Integrated wiper	Yes
Scope of delivery	Sun roof included
Weight	10.5 kg
Weight	23.15 lb

Downloads always reflect the latest product version; we reserve the right to make minor hardware adjustments over the course of the product's life cycle.
For exact specifications, please refer to the delivery details / order description or contact our support team.

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Accessories

Pole mount (pole) adapter

Art. No.



PMA-EC-932-SSPM-M

Pole mount adapter for wall bracket type SSBK-L and SSBK-M for camera EC-932
Material: 316L stainless steel (1.4404)
Weight: 5 kg

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Pole mount (top) adapter

Art. No.



PMA-EC-932-SSPTM-M

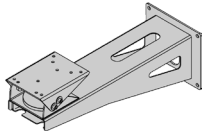
Pole Top mount adapter for EC-932
Material: 316L stainless steel (1.4404)
Weight: 2.5 kg

339153

EC-932-TXF4TV2W-SM-M Art. No. 352247

Wall mount adaptor

Art. No.



WB-EC-932-SSBK-M

Wall bracket for EC-932

Material: 316L stainless steel (1.4404)

Weight: 6 kg

339152

Watertank

Art. No.



WaterTank-Easypump-Automatic-TXWP7

Easypump washing system, explosion-proof

Float switch, with automatic pump shut-off and remote alarm signal

Hose material: Black antistatic polyurethane, UV-resistant

Maximum delivery head: up to 15 metres

Wash cycles: >500, 3-second cycle

Capacity: 15 litres

Liquid outlet: 15 m hose, pipe with 4 mm bore

Housing: AISI 316L electropolished stainless steel

Mounting: 4x M8 (wall)

Cable entries: 2x M20 x 1.5

Weight: 12 kg (empty); 27 kg (full)

Available voltages: 24 VAC/DC, 100 to 240 VAC (±10%)

Power consumption: max. 10 W

Operating temperature: -60 °C to +60 °C, +75 °C peak (-76 °F to +140 °F, +167 °F peak)

Approvals: ATEX / IECEx / UKEX / INMETRO

339164

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.