Surveillance solutions and cameras
Autofocus Zoom camera 5 MP bullet

EC-932-TXF4TV2W-IP-M Art. No. 340302

- Very high optical zoom (40x), electronic image stabiliser and recording to SD card
- Easy maintenance – innovative modular system
- Cleaning wiper and day/night function
- Wide temperature range: -60 °C to +60 °C, peak +75 °C

MY R. STAHL **EC932A**

The EC-932-TXF4TV2W-IP-M IP camera is a certified camera unit manufactured entirely from electropolished AISI 316L stainless steel and specifically designed for use in potentially explosive atmospheres. It is equipped with the latest generation of day/night IP camera, a sun visor, a heater and a windscreen wiper.
The camera utilises the latest technologies and is an excellent video surveillance solution for potentially explosive applications such as oil and gas exploration and production, oil and gas refining and transport, as well as for installations in the harshest environments, both onshore and offshore.
The camera has been consistently designed with ease of maintenance in mind. The well-thought-out housing design allows easy access to all relevant internal components.
The EC-932-TXF5TV2W-IP-M IP camera, available in a 24 VDC version, offers multi-stream H.264/H.265/MJPEG encoding, is ONVIF®-compliant and compatible with most VMS solutions available on the market.

Technical Data

General	
Series	Bullet Autofokus Zoom Camera - EC-932
Version	Autofocus zoom camera
Description	5MP bullet camera
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
UKEX certification	ExVeritas 22UKEX1326X
INMETRO certification	CPEx 23.1071 X

EC-932-TXF4TV2W-IP-M Art. No. 340302

Explosion Protection	
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
Power consumption	Max. 40 W
Interfaces	RJ45 socket
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 llx
Frame rate (fps)	60 fps (2MP), 30fps (5MP/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,RTP,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

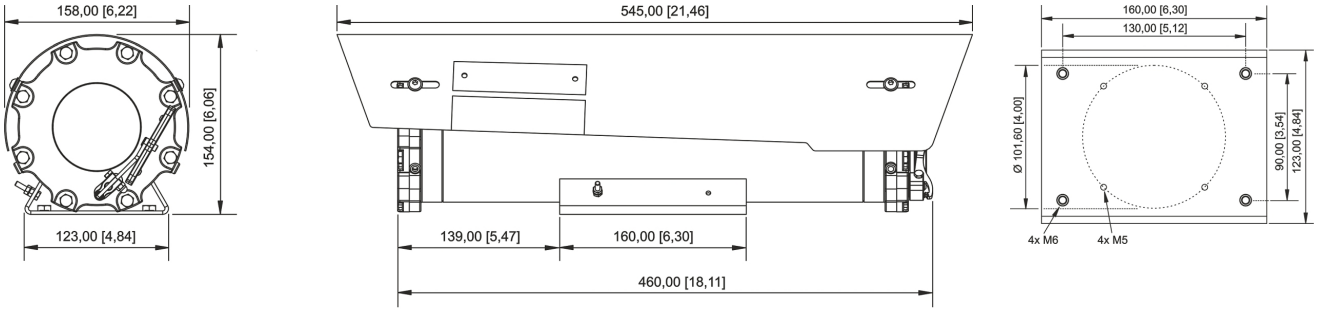
EC-932-TXF4TV2W-IP-M Art. No. 340302

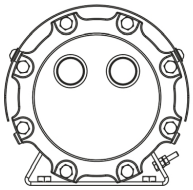
Mechanical Data

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
Opening for cable gland	2x M25x1.5
Integrated wiper	Yes
Package weight	12 kg
Scope of delivery	Sun roof included
Weight	12 kg
Weight	26.46 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



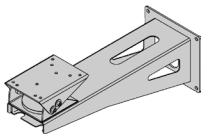


Accessories

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	341224

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-IP-M Art. No. 340302

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

Multi-cable		Art. No.
	VB-CAM-EC-932-5m-EXACCTF5-A Armoured multi-cable for Ethernet cameras of the EC-932 series Length 5 m Cables for power supply, Ethernet and data Suitable for highly corrosive environments Resistant to flames, UV and ozone, oil, petrol and hydrocarbons Pre-assembled pressure-resistant brass cable glands at both ends Temperature range -40 °C to +90 °C (-40 °F to +194 °F) Can be used with terminal box 265668	339155
	VB-CAM-EC-932-10m-EXACCTF10-A Armoured multi-cable for Ethernet cameras of the EC-932 series Length 10 m Cables for power supply, Ethernet and data Suitable for highly corrosive environments Resistant to flames, UV and ozone, oil, petrol and hydrocarbons Pre-assembled pressure-resistant brass cable glands at both ends Temperature range -40 °C to +90 °C (-40 °F to +194 °F) Can be used with terminal box 265668	340600

Ex e Terminal box		Art. No.
	JCT-8146-Ethernet+Analog 5xcable glands Terminal box, polyester resin Version for ethernet Tx or analog cameras Dimensions without cable glands (HxWxD): 340.5 mm x 340.5 mm x 91 mm Ingress protection: IP66 equipped with: 5 x cable glands: 2 x CMP-25SC2KVAR KLE MsNi M25x1.5 1 x 8161/7-M25-1707 with red stopping plug 2 x 8161/7-M20-1304 with red stopping plug	265668

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

EC-932-TXF4TV2W-IP-M Art. No. 340302

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.