

EC-932-TXF5TV4W-IP-M Art. No. 338432



- 4K high-resolution camera with electronic image stabiliser and edge recording
- Easy maintenance – innovative modular system
- Single-cable solution (PoE+)
- Cleaning wiper and day & night function
- Wide temperature range: -60 °C ... +60 °C, +75 °C peak

MY R. STAHL EC932A



The EC-932-TXF5TV4W-IP-M IP camera is a certified camera station made entirely of electropolished AISI316L stainless steel and specially designed for use in potentially explosive areas. It's got the latest generation of a day/night IP camera, a sun shield, a heater and a windscreen 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-TXF5TV4W-IP-M IP camera, available as a PoE+ version, offers multi-stream H264/H265/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	4K bullet camera
Variant	with PoE+ splitter

Explosion Protection

Application range (zones)	1, 2, 21, 22
Scope	EU (CE / ATEX) Global (IECEX) United Kingdom (UKCA) United Kingdom (UKEX) Brazil (INMETRO)
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

Camera and Video systems

Autofocus Zoom camera 4K bullet

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Explosion Protection

UKEX gas explosion protection	Ex II 2 G Ex db IIC T6/5/4 Gb
UKEX dust explosion protection	Ex II 2 G 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 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

Power consumption	Max. 40 W
Interfaces	PoE+ (IEEE 802.3at Class 4)
Connection	Ethernet LAN 100Base-TX, RJ45
I/O relay	External input

Camera Data

Sensor	1/1.8" progressive CMOS
Day/night camera	Yes
Viewing angle	64° – 3° H, 37° – 2° V
Focus	Automatic focus
Zoom	22x optical, 10x digital
Resolution	4 K, 3864x2180 pixels
Min.light. B/W (ICR-ON)	0,002 lx
Minimum illumination color (ICR-OFF)	0.04 lx
Frame rate (fps)	60 fps (2 MP), 30 fps (4K/WDR)
Compression	H.264, H.265, MJPEG
White balance	Yes
Wide Dynamik Range	Yes
Web server	Yes
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

Mechanical Data

Degree of protection (IP)	IP66, 67, 68, 69
Note on degree of protection	EN 60529, NEMA 4X

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Mechanical Data

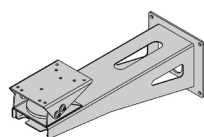
Vibration and shock	EN/IEC 60068-2-6; EN/IEC 60068-2-27; DNV-CG-0339
Enclosure material	Stainless steel 316L
Surface treatment	Electropolished
Cable length	0 m
Opening for cable gland	2x M25x1.5
Integrated wiper	Yes
Package weight	12 kg
Scope of delivery	Sun roof included
Weight	10.5 kg
Weight	23.15 lb

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

Accessories

Wall bracket

Art. No.



WB-EC-932-SSBK-M
Wall bracket for EC-932
Material: 316L stainless steel (1.4404)
Weight: 6 kg

339152

Pole bracket

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

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

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 +90 °C (-40 °F +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 +90 °C (-40 °F +194 °F)
Can be used with terminal box 265668

340600

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