

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)<br>Global (IECEX)<br>United Kingdom (UKCA)<br>United Kingdom (UKEX)<br>Brazil (INMETRO)<br>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                                                                                                                        |

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**Explosion Protection**

|                                   |                                                                                                                             |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| ECAS certification                | 24-11-130192/E24-11-134907/NB0001                                                                                           |
| UKEX gas explosion protection     | II 2 G Ex db IIC T6/5/4 Gb                                                                                                  |
| UKEX dust explosion protection    | 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 lx                                                                                                                                          |
| 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 |

# Surveillance solutions and cameras

## Autofocus Zoom camera 5 MP bullet

**STAHL****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.



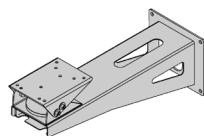
#### PMA-EC-932-SSPTM-M

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

**339153**

#### 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**

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### Multi-cable

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

### Ex e Terminal box

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

### Watertank

|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                           |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|  | <b>WaterTank-Easypump-Automatic-TXWP7</b><br>Easypump washing system, explosion-proof<br>Float switch, with automatic pump shut-off and remote alarm signal<br>Hose material: Black antistatic polyurethane, UV-resistant<br>Maximum delivery head: up to 15 metres<br>Wash cycles: >500, 3-second cycle<br>Capacity: 15 litres<br>Liquid outlet: 15 m hose, pipe with 4 mm bore<br>Housing: AISI 316L electropolished stainless steel<br>Mounting: 4x M8 (wall)<br>Cable entries: 2x M20 x 1.5<br>Weight: 12 kg (empty); 27 kg (full)<br>Available voltages: 24 VAC/DC, 100 to 240 VAC (±10%)<br>Power consumption: max. 10 W<br>Operating temperature: -60 °C to +60 °C, +75 °C peak (-76 °F to +140 °F, +167 °F peak)<br>Approvals: ATEX / IECEx / UKEX / INMETRO | <b>Art. No.</b><br>339164 |
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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.