

Camera and Video systems

with AVIGILON camera 2 MP PTZ



EC-942-TXP2TA01-IP-S Art. No. 334045



- PTZ camera with 2MP Avigilon camera (type 2.0C-H5A-B1)
- Easy maintenance – innovative modular system
- 120 VAC power supply
- Cleaning wiper and day & night function

MY R. STAHL EC942A



The EC-942-TXP2TA01-IP-S PTZ 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 EC-942-TXP2TA01-IP-S 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 EC-942-TXP2TA01-IP-S camera is equipped with a 120 VAC power supply module, offers multi-stream H264/H265/MJPEG encoding, is ONVIF compliant and compatible with most VMS solutions available on the market.

Technical Data

General

Series	PTZ Camera - EC-942
Version	Pan-tilt-zoom camera
Description	2MP bullet camera
Variant	with AVIGILON 2.0C-H5A-B1

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

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STAHL**EC-942-TXP2TA01-IP-S Art. No. 334045****Explosion Protection**

UKEX gas explosion protection	II 2 G Ex db IIC T6/5/4 Gb
UKEX dust explosion protection	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
RoHS Directive	2011/65/EU + 2015/863/EU (RoHS 3)
WEEE Directive	2012/19/EU
Low-voltage Directive	EN/IEC 62368-1

Electrical Data

Rated operational voltage AC	120 V
Frequency	50/60 Hz
Power consumption	Max. 130 W, 85 W w/o heating
Interfaces	1x110 VAC, 1xRJ45
Connection	Ethernet LAN 100Base-TX, RJ45

Camera Data

Sensor	1/2.8 CMOS
Day/night camera	Yes
Viewing angle	60° – 4.1 H, 34° – 2.3 V
Focus	Automatic focus
Zoom	18x optical
Resolution	2 MP, 1920x1080 pixels
Number of preset positions	120
Accuracy of preset positions	0.04 °
Min.light. B/W (ICR-ON)	0.02 lux
Minimum illumination color (ICR-OFF)	0.039 lx
Horizontal speed (variable)	0°/s ... 40°/s
Vertical speed (variable)	0°/s ... 20°/s
Frame rate (fps)	25 fps/30 fps (50 Hz/60 Hz)
Compression	H.264, H.265, MJPEG
No. of privacy maskings	64
WDR (dynamic range)	126 dB
Wide Dynamik Range	Yes
Motion detection	Yes
Web server	Yes
Special feature	Dynamic position control, Edge recording,
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	Multiple streams

Software

Network Configuration	IPv4/v6, HTTP, HTTPS, SOAP, DNS NTP, RTSP, RTCP, RTP, TCP, UDP ICMP, DHCP, Zeroconf, SNMP v2c, SNMP v3,
Streaming	ONVIF Profile S, T, G

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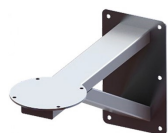
with AVIGILON camera 2 MP PTZ

STAHL**EC-942-TXP2TA01-IP-S Art. No. 334045****Ambient Conditions**

Ambient temperature	-30 – 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
IK impact protection	IK10, front panel IK08
Enclosure material	Stainless steel 316L
Surface treatment	Electropolished
Cable length	0 m
Opening for cable gland	1x M25x1.5
Slewing range	360° endless
Tilt range	-90° ... 90°
Integrated wiper	Yes
Package weight	36.5 kg
Scope of delivery	Sun roof included
Weight	31.5 kg
Weight	69.45 lb

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations**Accessories****Wall bracket****Art. No.****WB-EC-942-SSBK-L**

Wall bracket for EC-942 and EC-952
Material: 316L stainless steel (1.4404)
Weight: 10 kg

338901**Multi-cable****Art. No.****VB-CAM-EC-942-5m-EXACCTF5-B**

Armoured multi-cable for EC-942 and EC-952 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

339157**VB-CAM-EC-942-10m-EXACCTF10-B**

Armoured multi-cable for EC-942 and EC-952 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

340381

EC-942-TXP2TA01-IP-S Art. No. 334045

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

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