

Full HD IP Pan-Tilt-Zoom Camera

Series EC-941

STAHL



- Certified for hazardous Zones 1, 2, 21, 22 acc. to ATEX, IECEx, NEC, CEC, EAC, LR
- Low-light technology for particularly detailed images even in difficult light conditions, day / night - functionality
- Enclosure made from shot-peened and electropolished stainless steel (316L, 1.4404), ideal for clean rooms as well as the oil and gas industries
- Extremely precise pan-tilt surveillance camera with Full HD resolution (1920 x 1080)
- Electronic image stabilizer, dynamic masking, SFP module slot for direct fiber optic connection

A9

WebCode EC941A



ONVIF



Use R. STAHL's EC-941 camera to keep all monitored areas in perfect view and to pan from one object to the next in no time at all - after all, it is the fastest pan-tilt camera for hazardous areas. Its Full HD resolution provides detailed images, and a wiper ensures free view at all times, making this surveillance camera ideal for all-round and detailed surveillance. It can be incorporated into state-of-the-art video systems worldwide, using the ONVIF protocol (Profile Q, S and T). In addition, it is seawater-proof, has ingress protection IP66 and can be used at temperatures from -40 °C to +65 °C, for example on drilling rigs, refineries or tankfarms, as well as for monitoring processes in the chemical and pharmaceutical production and in clean rooms.

	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

	NEC 500 CEC Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Installation in		•		•		

	CEC Section 18					
	NEC® 505			NEC® 506		
	Class I					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table

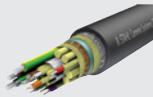



Resolution	Full HD 1080p 1920x1080 pixel
Viewing angle	63.7° - 2.3° H, 38.5° - 1.3° V
Horizontal speed (vari)	0,1°/s ... 100°/s
Vertical speed (vari)	0,1°/s ... 100°/s
Accuracy of presetpositions	0.02 °
Focus	Auto, manual, trigger
Network protocol	ONVIF Profile Q,S,T
Degree of protection (IP)	IP66, 67, 68, 69





Product Type	Rated operational voltage AC	Rated operational current AC	Art. No.	Weight kg
EC-941-V1C02T0M000	230 V	0.5 A	278310	26.500
EC-941-V2C02T0M000	24 V	5 A	278701	26.500
EC-941-V3C02T0M000	120 V	1 A	278702	26.500

Type code

Code	Description	EC	-	941	-	Vx	xxx	xx	xxxx	xxxxx
EC	Explosion protected camera									
-	Hyphen									
941	PTZ stainless steel camera									
-	Hyphen									
Vx	Power supply									
V1	Supply voltage 230 VAC									
V2	Supply voltage 24 VAC									
V3	Supply voltage 120 VAC									
xxx	Visible light camera									
C02	SONY FCB-EV7520 camera Super Low-Light day / night Full HD, 30x zoom									
xx	Temperature class and ambient temperature range									
T0	T6...T5, -40° C ≤ Ta ≤ +60° C or +70° C									
xxxx	Model / version									
M000	Actual model version									
xxxxx	Cable connection									
	Without cable gland									
P0400	Multiarm cable 4 m, cable gland (only for ATEX / IECEx)									
P0404	Multiarm cable 4 m, cable gland, SFP module, FO cable 4 m (only for ATEX / IECEx)									

Accessories

Figure	Description	Art. No.	Weight kg
Camera multi-cable armoured			
	VB-CAM-MULTI-Ethernet-ARM 1 x Ethernet cable 3 x power supplies 2.5 mm ² 7 x data cable 0.34 mm ² -60 °C ... +80 °C 19.2 ±0.5 mm outer diameter IEC 60332-1 flame-resistant IEC 60754-2 halogen-free DIN 60811-404 oil-resistant NEK 606 mud-resistant Price per metre	252571 ▲	0.472
Wall bracket			
	WB-EC-940-PTZ/EC-941 Wall bracket for EC-940-PTZ and EC-941 Material: 316L (1.4404) stainless steel, electropolished Load capacity: max. 40 kg Length: 400 mm	251364	1.000
Pole mounting			
	PMA-EC-940-PTZ/EC-941 Pole mount adaptor for EC-940-PTZ and EC-941 Material: 316L (1.4404) stainless steel, electropolished For pole diameter 110 ... 150 mm Load capacity: max. 50 kg Only together with wall bracket WB-EC-940-PTZ/EC-941	251362	5.000
Corner adapter module			
	CMA-EC-940-PTZ/EC-941 Corner adapter module EC-940-PTZ and EC-941 Material: 316L (1.4404) stainless steel, electropolished Capacity: max. 50 kg WxH: 335 x 186 mm Only together with wall bracket WB-EC-940-PTZ/EC-941	251363	2.000

Accessories			
Figure	Description	Art. No.	Weight kg
Parapet mounting bracket			
	PB-EC-940-PTZ/EC-941 Parapet mounting bracket for EC-940-PTZ and EC-941 Material: 316L (1.4404) stainless steel, electropolished Load capacity: max. 40 kg Diameter: 238 mm	251365	1.000
Water tank			
	Water tank 10-PV-A 316L (1.4404) stainless-steel enclosure, electropolished Capacity 10 litres Pressure generation by manual pumping or with compressed air Pressure: max 4 bar 24 V AC/DC, max 20 W Temp. range -40 °C to +60 °C (depending on freezing point of liquid used) ATEX certified Zone 1, 2 Suitable for EC-940-PTZ and EC-940S-AFZ	251366	18.000
Cable glands			
	CMP-25sPX2K-REX-MSNi-NPT 3/4"-SET Cable gland with RapidEx compound explosion-protected for EC-940-PTZ	275572	0.425
Power line filter			
	Power Line Filter 2 line, 1 phase EMC filter 6A 250 volts EPCOS / TDK B84112G0000B060 Mandatory for use of cameras in maritime applications Filter Type: EMC Power Line Filter Voltage Rating: 250 V Current Rating: 6 A Mounting Style: Chassis Mount Termination Style: Tab Connector Leakage Current: 0.369 mA Operating Frequency: 50 Hz / 60 Hz Construction 2-line filter Metal case Polyurethane potting (UL 94 V-0) ENEC, UL and cUL approval	279754	0.200

