

# Full HD IP Pan-Tilt-Zoom Camera

## Series EC-940-PTZ

STAHL



- Certified for hazardous zones 1, 2, 21, 22 acc. to ATEX, IECEx, NEC, CEC, EAC
- Low-light technology for particularly detailed images even in difficult light conditions, day / night - functionality
- Enclosure made from electropolished stainless steel (316L), 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)
- Focus on any one point in under 2 seconds Up to 100°/s, extremely exact positioning 0.02°

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WebCode **EC940PTZIA**



Use R. STAHL's EC-940-PTZ 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 S and Q). In addition, it is seawater-proof and degree of protection IP66 means it can be operated in temperatures ranging 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 CE Code Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Installation in		•		•		

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

Selection Table						
Resolution	Full HD 1080p 1920x1080 pixels					
Viewing angle	61.6° (wide), 2.5° (tele.)					
Horizontal speed (variable)	0,1°/s ... 100°/s					
Vertical speed (variable)	0,1°/s ... 100°/s					
Accuracy of preset positions	0.02°					
Focus	Auto, manual, trigger					
Network protocol	ONVIF profile S and Q					
Degree of protection (IP)	IP66					
Product Type	Rated operational voltage AC	Certifications	Art. No.	Weight		
EC-940-PTZ-HFI-W1B	230 V	ATEX, IECEx	271521	27 kg		
EC-940-PTZ-HFI-W2B	24 V	ATEX, IECEx, NEC, CEC	271545	27 kg		
EC-940-PTZ-HFI-W3B	120 V	ATEX, IECEx	271546	27 kg		

Accessories						
Figure	Description	Art. No.	Weight			
Corner adapter module						
	<b>CMA-EC-940-PTZ/EC-941</b> 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 kg			

Accessories			
Figure	Description	Art. No.	Weight
<b>Parapet mounting bracket</b>			
	<b>PB-EC-940-PTZ/EC-941</b> 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 kg
<b>Pole mounting</b>			
	<b>PMA-EC-940-PTZ/EC-941</b> 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 kg
<b>Wall bracket</b>			
	<b>WB-EC-940-PTZ/EC-941</b> 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 kg
<b>Water tank</b>			
	<b>WaterTank 10-PV-A</b> 316L (1.4404) stainless-steel enclosure, electropolished Capacity 10 litres Pressure generation by manual pumping or with compressed air Pressure: max 6 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-94x-PTZ and EC-940S-AFZ	251366	18 kg
<b>Camera multi-cable armoured</b>			
	<b>VB-CAM-MULTI-Ethernet-ARM</b> 1 x Ethernet cable 3 x power supplies 2.5 mm <sup>2</sup> 7 x data cable 0.34 mm <sup>2</sup> -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	472 g

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

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