

# Analog PTZ Camera Zone 1 / Class I, Div. 2

Series EC-940-PTZ



- Certified for hazardous Zone 1, 2, 21, 22 and Cl. I, II, Div. 2 acc. to ATEX, IECEx, NEC, CEC, EAC
- Enclosure made from electropolished stainless steel (316L), ideal for clean rooms as well as the oil and gas industries
- Precise, analog pan-tilt surveillance camera
- Focus on any one point in under 2 seconds Up to 100°/s. Extremely exact positioning 0.02°.

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WebCode **EC940PTZAA**




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 one of the fastest pan-tilt camera for hazardous areas. Its high resolution (550 TVL) and 36x zoom provides detailed images, and a wiper ensures free view at all times, making this surveillance camera ideal for all-round and detailed surveillance. The camera functions are controlled via RS-485 and PELCO D, Panasonic, etc. This analog surveillance camera series transmits images in real-time, providing users with a non-stop overview in time-critical applications. In addition, it is seawater resistant and its degree of protection IP66 means it can be operated in temperatures ranging from -40 °C to +65 °C [-40 °F to +149 °F], for example on drilling rigs, refineries or tankfarms, as well as for monitoring processes in chemical and pharmaceutical production and in clean rooms.

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

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

	IECEX / ATEX					
	Zone	0	1	2	20	21
Ex interface						
Installation in		•	•		•	•

Selection Table					
Resolution	550 TVL				
Viewing angle	57.8° (wide), 1.7° (tele)				
Horizontal speed (vari)	0,1°/s ... 100°/s				
Vertical speed (vari)	0,1°/s ... 100°/s				
Accuracy of presetpositions	0.02 °				
Focus	Automatic focus				
Interfaces	RS-485 half duplex				
Serial Communication Protocol	American Dynamics, Ernitec, Panasonic, Pelco D				
Degree of protection (IP)	IP66				
Product Type	TV system	Rated operational voltage AC	Certifications	Art. No.	Weight lb
EC-940-PTZ-A3N-W20	NTSC	24 V	ATEX, IECEx, NEC, CEC, EAC	257726	59.52
EC-940-PTZ-A3P-W20	PAL	24 V	ATEX, IECEx, NEC, CEC, EAC	257728	59.52

Accessories			
Figure	Description	Art. No.	Weight lb
<b>Camera multi-cable armored</b>			
	<b>VB-CAM-MULTI-Analog-ARM</b> 1 x coaxial cable 3 x power supply 2.5 mm <sup>2</sup> / AWG14 7 x data cable 0.34 mm <sup>2</sup> / AWG22 -60 °C ... +80 °C [-76 °F ... +176 °F] 16.5 ±0.3 mm [0.65 ±0.01 inches] outer diameter IEC 60332-1 flame-resistant IEC 60754-2 halogen-free DIN 60811-404 oil-resistant NEK 606 mud-resistant Suitable for EC-940-PTZ-Axx, EC-940S-AFZ-3xA, EC-840S-TIC-19A	252572	1.21
<b>Corner adapter module</b>			
	<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 [110.23 lb] WxH: 335 x 186 mm [13.19 x 7.32 inches] Only together with wall bracket WB-EC-940-PTZ/EC-941	251363	4.41
<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 [88.18 lb] Diameter: 238 mm [9.37 inches]	251365	2.2
<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 [4.33 ... 5.9 inches] Load capacity: max. 50 kg [110.23 lb] Only together with wall bracket WB-EC-940-PTZ/EC-941	251362	11.02
<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 [88.18 lb] Length: 400 mm [15.75 inches]	251364	2.2
<b>Cable glands</b>			
	<b>CMP-25sPX2K-REX-MsNi-NPT 3/4"-SET</b> Cable gland with RapidEx compound explosion-protected for EC-940-PTZ	275572	0.94