

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

Series EC-940S-AFZ



- Certified for hazardous Zone 1, 2, 21, 22 and Cl. I, II, Div. 2 acc. to ATEX, IECEx, NEC, CEC, EAC
- Analog camera for real-time transmission
- Day / night - functionality
- Delivery with conduit entry and 4 m [13.1 ft] pig tail cable set

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WebCode **EC940SAFZAA**



R. STAHL's EC-940S-AFZ zoom cameras are all-rounders for surveillance in hazardous areas because in addition to an excellent panoramic view they also produce very good detailed images. This is guaranteed by the high image definition (550 TVL) and the optical 36x zoom of the analog camera. The camera functions are controlled via RS-485 and PELCO D or Panasonic. The built-in wiper ensure a clear view. This analog surveillance camera series transmits images in real-time, providing users with a non-stop overview in time-critical applications.

	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					
Zoom	36x optical				
Focus	Automatic focus				
Interfaces	RS-485 half duplex				
Viewing angle	57.8° (wide), 1.7° (tele)				
Resolution	550 TVL				
Serial Communication Protocol	Panasonic 850, Pelco D, Macro				
Rated operational voltage AC	24 V				
Rated operational voltage DC	12 – 24 V				
Degree of protection (IP)	IP66, 68,				
Note on degree of protection	IP69 only enclosure				
Product Type	TV system	Cable structure	Certifications	Art. No.	Weight lb
EC-940S-AFZ-3NA-W2F-55	NTSC	Cable set not armored	ATEX, IECEx, NEC, CEC, EAC	257725	17.64
EC-940S-AFZ-3PA-W2F-55	PAL	Cable set not armored	ATEX, IECEx, NEC, CEC, EAC	257723	17.64

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>Ex e Terminal box</b>			
	<b>JCT-Terminal-Box</b> Customized junction box Available upon request	-	1.76
<b>Wall bracket</b>			
	<b>Wall Bracket EC-x40S</b> Suitable for EC-x40S series Material: 316L stainless steel, electropolished Capacity: max. 40 kg [88.18 lb] Length: 420 mm [16.54 inches]	251387	4.41
<b>Pole adapter module</b>			
	<b>Pole adapter module EC-x40S</b> Suitable for EC-x40S For pole diameter 110 ... 150 mm [4.33 ... 5.9 inches] Material: 316L stainless steel, electropolished Capacity: max. 50 kg [110.23 lb] Weight: 3.3 kg [7.28 lb] Only together with wall bracket EC-x40S type 251387	251380	7.28
<b>Corner adapter module</b>			
	<b>Corner adapter module EC-x40S</b> Suitable for EC-x40S series Material: 316L stainless steel, electropolished Capacity: max. 50 kg [110.23 lb] Only together with wall bracket EC-x40S type 251387	251381	4.41
<b>Parapet mounting bracket</b>			
	<b>Parapet mounting bracket EC-x40S</b> Suitable for EC-x40S series Material: 316L stainless steel, electropolished Capacity: max. 70 kg [154.32 lb] Height: 124 mm [4.88 inches] Only together with ball joint adapter EC-x40S type 251388	251386	1.98
<b>Ball joint</b>			
	<b>Ball joint x40S</b> 316L stainless steel, electropolished Capacity: max. 40 kg [88.18 lb] Diameter: 101.6 mm [4 inches]	251388	4.41