Full HD IP Zoom Camera Zone 1 / Class I, Div. 2
Series EC-940S-AFZ

STAHL

- Certified for hazardous Zone 1, 2, 21, 22 and Cl. I, II, Div. 2 acc. to ATEX, IECEx, NEC, CEC, EAC
- Low-Light-Technology for extremely detailed images, even in difficult lighting conditions
- Day / night - functionality
- IP Camera with Full HD for optimum image quality
- Delivery with conduit entry and 4 m [13.1 ft] pig tail cable set

WebCode EC940SAFZIA

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 the result of the IP camera's high resolution (Full HD with 1920 x 1080), the optical 30x zoom and the brilliant image quality - the WDR function (120 dB) optimizes the lighting of very bright or dark areas even in difficult lighting conditions. The built-in wiper and the defog function also ensure a clear view. The IP models are amongst the most modern cameras for hazardous areas and can be integrated into VMS systems worldwide via the ONVIF protocol (Profile S and Q). This surveillance camera is also available as an analog model that transmits images in real time.

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

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

Selection Table

Focus	Auto, manual, trigger
Zoom	30x optical
Resolution	Full HD 1080p 1920x1080 pixel
Network protocol	ONVIF profile S and Q
Rated operational voltage AC	24 V
Rated operational voltage DC	12 – 24 V
Degree of protection (IP)	IP66 / IP68

Product Type	Viewing angle	Cable structure	Certifications	Art. No.	Weight lb
EC-940S-AFZ-HFI-W2F-55B	61,6° (wide), 2,5° (tele)	Cable set not armored	ATEX, IECEx, NEC, CEC, EAC	271548	18.74

13 b

Accessories			
Figure	Description	Art. No.	Weight lb
Camera multi-cable armored			
	VB-CAM-MULTI-Ethernet-ARM 1 x Ethernet cable 3 x power supplies 2.5 mm² / AWG14 7 x data cable 0.34 mm² / AWG22 -60 °C ... +80 °C [-76 °F ... +176°F] 19.2 ±0.5 mm [0.76 ±0.02 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-910-AFZ, EC-940-PTZ-HDI and -HFI, EC-940-AFZ-HDI-O4H and -O5H, EC-940S-AFZ-Hxx, EC-840S-TIC-19I Price per meter	252571	1.04
Ex e Terminal box			
	JCT-Terminal-Box Customized junction box Available upon request	–	1.76
Wall bracket			
	Wall Bracket EC-x40S 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
Pole adapter module			
	Pole adapter module EC-x40S 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
Corner adapter module			
	Corner adapter module EC-x40S 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
Parapet mounting bracket			
	Parapet mounting bracket EC-x40S 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
Ball joint			
	Ball joint x40S 316L stainless steel, electropolished Capacity: max. 40 kg [88.18 lb] Diameter: 101.6 mm [4 inches]	251388	4.41

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

115 [4.53]

A

M 5   Ø 101.5 [Ø 4]

A = 60 [2.36]

Ø 114.5 [Ø 4.51]
Ø 155.5 [Ø 6.12]

41.5 [1.63]

51.5 [2.03]

264 [10.39]

3