



- Certified for hazardous Zones 1, 2, 21, 22 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
- Enclosure electropolished and Silicon micro-blasted
- Delivery with armoured cable or cable set (NEC / CEC)

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WebCode **EC940SAFZIA**



R. STAHL's EC-940S-AFZ zoom cameras are all-round talents 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) optimises 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 analogue model that transmits images in real time.

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

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

	CEC Section 18					
Zone	NEC® 505 Class I			NEC® 506		
Zone	0	1	2	20	21	22
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 kg	
EC-940S-AFZ-HFI-W2F-55B	61.6° (wide), 2.5° (tele)	Cable set not armoured	ATEX, IECEx, NEC, CEC, EAC	271548	8.500	
EC-940S-AFZ-HFI-W24-56B	61.6° (wide), 2.5° (tele)	armoured cable	ATEX, IECEx, EAC	271547	8.500	

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
Ex e Terminal box			
	JCT-8146-Ethernet+Analog 5xcable glands Terminal box, polyester resin Version for ethernet or analog cameras 5 x cable glands: 2 x CMP-25SC2KVAR KLE MsNi M25x1.5 1 x 8161/7-M25-1707 with red stopping plug 2 x 8161/7-M20-1304 with red stopping plug usable for: EC-750, EC-910-AFZ, EC-940S-AFZ (ATEX, IECEx) EC-840S-TIC (ATEX, IECEx), EC-940-PTZ, Water tank	265668	0.800
Wall bracket			
	Wall Bracket EC-x40S Suitable for EC-x40S series Material: 316L stainless steel, electropolished Capacity: max. 40 kg Length: 420 mm	251387	2.000
Pole adapter module			
	Pole adapter module EC-x40S Suitable for EC-x40S For pole diameter 110 ... 150 mm Material: 316L stainless steel, electropolished Capacity: max. 50 kg Weight: 3.3 kg Only together with wall bracket EC-x40S type 251387	251380	3.300
Corner adapter module			
	Corner adapter module EC-x40S Suitable for EC-x40S series Material: 316L stainless steel, electropolished Capacity: max. 50 kg Only together with wall bracket EC-x40S type 251387	251381	2.000
Parapet mounting bracket			
	Parapet mounting bracket EC-x40S Suitable for EC-x40S series Material: 316L stainless steel, electropolished Capacity: max. 70 kg Height: 124 mm Only together with ball joint adapter EC-x40S type 251388	251386	0.900
Ball joint			
	Ball joint x40S 316L stainless steel, electropolished Capacity: max. 40 kg Diameter: 101.6 mm	251388	2.000
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

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

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