



- Certified for hazardous Zones 1, 2, 21, 22 acc. to ATEX, IECEx, NEC, CEC, EAC
- Analogue camera for real-time transmission
- Day / night - functionality
- Enclosure electropolished and Silicon micro-blasted
- Delivery with armoured cable or cable set (NEC / CEC)

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WebCode **EC940SAFZAA**



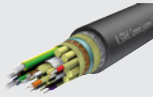







R. STAHL's EC-940S-AFZ zoom cameras are all-round talents for surveillance in hazardous areas because in addition to an excellent panoramic view they also produce very good detailed images. This is guaranteed by the high image definition (550 TVL) and the optical 36x zoom of the analogue camera. The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

	IECEx / ATEX					
	0	1	2	20	21	22
Zone						
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 Class I			NEC® 506		
Zone	0	1	2	20	21	22
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	
EC-940S-AFZ-3NA-W2F-55	NTSC	Unarmoured cable set	ATEX, IECEx, NEC, CEC	257725	8 kg	
EC-940S-AFZ-3NA-W24-56	NTSC	Armoured cable	ATEX, IECEx	257724	8 kg	
EC-940S-AFZ-3PA-W2F-55	PAL	Unarmoured cable set	ATEX, IECEx, NEC, CEC	257723	8 kg	
EC-940S-AFZ-3PA-W24-56	PAL	Armoured cable	ATEX, IECEx	257722	8 kg	

Accessories			
Figure	Description	Art. No.	Weight
Camera multi-cable armoured			
	VB-CAM-MULTI-Analog-ARM 1 x coaxial cable 3 x power supply 2.5 mm ² 7 x data cable 0.34 mm ² -60 °C ... +80 °C 16.5 ±0.3 mm outer diameter IEC 60332-1 flame-resistant IEC 60754-2 halogen-free DIN 60811-404 oil-resistant NEK 606 mud-resistant	252572	550 g
Ex e Terminal box			
	JCT-8146-Ethernet+Analog 5xcable glands Terminal box, polyester resin Version for ethernet Tx or analog cameras Dimensions without cable glands (HxWxD): 340.5 mm x 340.5 mm x 91 mm Ingress protection: IP66 equipped with: 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-94x-PTZ, Water tank	265668	800 g
Wall bracket			
	WB-EC-840S/EC-940S Suitable for EC-x40S series Material: 316L stainless steel, electropolished Capacity: max. 40 kg Length: 420 mm	251387	2 kg
Pole adapter module			
	PMA-EC-840S /EC-940S 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	3.3 kg
Corner adapter module			
	CMA-EC-840S /EC-940S 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 kg
Parapet mounting bracket			
	PM-EC-840S /EC-940S 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	900 g
Ball joint			
	MPT-Head-EC-840S/EC-940S 316L stainless steel, electropolished Capacity: max. 40 kg Diameter: 101.6 mm	251388	2 kg
Water tank			
	WaterTank 10-PV-A 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

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

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