



- Certified for hazardous Zones 1, 2, 21, 22 acc. to ATEX, IECEx, NEC®, CE Code
- Super-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® / CE Code)
- Digital image stabilization, dynamic masking

A9

MY R. STAHL EC940SAFZIB



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 Q, S and T).

	IECEX / ATEX					
Zone	0	1	2	20	21	22
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			NEC® 506		
	Class I					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table						
Focus	Auto, manual, trigger					
Zoom	30x (360x digital zoom)					
Resolution	Full HD 1080p 1920x1080 pixels					
Network protocol	ONVIF profiles Q,S,T					
Rated operational voltage AC	24 V					
Rated operational voltage DC	12 ... 24 V					
Degree of protection (IP)	IP66, 67, 68, 69					
Product Type	Viewing angle	Cable structure	Certifications	Art. No.	Weight	
EC-940S-AFZ-HGI-W2F-55B	63.7° to 2.3° H, 38.5° to 1.3° V	Unarmoured cable set	ATEX, IECEx, NEC®, CE Code	290557	8.5 kg	
EC-940S-AFZ-HGI-W24-56B	63.7° to 2.3° H, 38.5° to 1.3° V	Armoured cable	ATEX, IECEx	290556	8.5 kg	

Accessories				
Figure	Description	Art. No.	Weight	
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 and weight per m	252571	472 g	

Accessories			
Figure	Description	Art. No.	Weight
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

A9

