Full HD IP Zoom Camera
Series EC-910-AFZ-10x

STAHL

- All-round Full HD zoom camera with 10x zoom
- PoE+, 24 VDC or 24 VAC
- Including wall / ceiling mount bracket
- Zones 1, 2, 21, 22
- Day / night, WDR, ONVIF Q, S and T
- Available without cable or with a 4 m or 10 m long armoured multi-cable

MY R. STAHL EC910AFZB

The EC-910-AFZ PoE+ camera combines state-of-the-art camera technology with Full HD resolution, WDR, zoom and defog function for hazardous areas. The 10x zoom version provides sharp, crystal-clear images and is universally applicable in the oil and gas industries and in the chemical, pharmaceutical and related industries. To ensure guaranteed resistance to adverse weather, the EC-910-AFZ with 10x zoom has been tested and certified by Lloyd's Register for marine application. Lloyd's attests the camera's reliability with regard to temperature, corrosion and vibration resistance as well as EMC.

The camera is certified acc. to ATEX, IECEx for Zone 1, 2, 21, 22. Additional certificates available are NEC® C1 D2, CE Code C1 Z1. The stainless-steel sun-protection and the wall / ceiling mount bracket are part of the standard delivery.
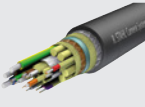
IECEx / ATEX						
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

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	Automatic focus
Zoom	10x (320x, with digital zoom)
Resolution	Full HD to 320x180 p
Viewing angle	54° (wide) 4.9° (tele)
Network protocol	ONVIF profiles Q,S,T

Product Type	Cable structure	Cable length	Certifications	Art. No.	Weight
EC-910-AFZ-I0D-P00	–	–	ATEX, IECEx, NEC®, CE Code	289859	6.5 kg
EC-910-AFZ-I0D-P04	Armoured cable	4 m	ATEX, IECEx	289860	8.5 kg
EC-910-AFZ-I0D-P10	Armoured cable	10 m	ATEX, IECEx	289891	11.5 kg

Accessories

Figure	Description	Art. No.	Weight
Pole and Corner module EC-910			
	PCA-EC-910 Stainless steel 316L, electropolished Payload: 30 kg Pole diameter: 60 mm ... 200 mm Dimension: 120 x 86 mm	264965	1 kg

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CAMERA AND VIDEO SYSTEMS

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	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
Camera multi-cable armoured			
	VB-CAM-MULTI-Ethernet-ARM 1 x Ethernet cable 3 x power supplies 2.5 mm² 7 x data cable 0.34 mm² -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
Cable glands			
	CMP-20PX2K-REX-MsNi-NPT 1/2"OR-SET Cable gland with RapidEx compound explosion-protected Clamping-range: 12.5 ... 20.9 mm for EC-910	275571	425 g
	CMP-20sPX2K-REX KLE MsNi NPT 1/2" OR-SET Cable gland with RapidEx compound explosion-protected Clamping-range: 9.5 ... 15.9 mm for EC-910	278866	425 g
	CMP-20sPXSS2K-REX KLE MsNi NPT 1/2" SET Cable gland with RapidEx compound explosion-protected Clamping-range: 6.1 mm ... 11.7 mm for EC-910	279480	375 g

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

G - G

F - F