

Full HD IP PTZ-Cameras with IR illuminator

Series EC-951



A9



- PTZ camera with additional IR spotlight for optimum vision at night at distances up to 200 m
- High-precision pan-tilt surveillance camera with Full HD resolution (1920 x 1080), 30x zoom and low-light technology for difficult light conditions
- PTZ camera with electronic image stabilizer and direct FO connection for great distances (SPF module)
- Versions featuring state-of-the-art video analysis functions such as object recognition and object tracking
- Dynamic masking of persons and locations in the interest of data protection
- Enclosure made of shot-peened electropolished stainless steel (316L, 1.4404), ideal for oil / gas, chemical and pharmaceutical industries
- Temperature range from -40 °C to +60 °C, certified for Zone 1, 2, 21, 22 acc. to ATEX, IECEx, NEC®, CE Code, LR

MY R. STAHL EC951A



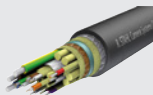




The EC-951 PTZ camera consists of the EC-941 PTZ camera plus an additional IR spotlight for nighttime surveillance. It is a state-of-the-art camera for hazardous areas, featuring highly professional surveillance functions such as dynamic masking, object recognition and object tracking. Thanks to its low-light technology it produces clear images even in difficult light. The camera can be integrated into modern video surveillance systems worldwide with the aid of the ONVIF protocol (profile Q, S and T). It is seawater-proof, has degree of protection IP66 and can be operated in temperatures ranging from -40 °C to +60 °C, for example on drilling rigs, refineries or tankfarms, as well as for process monitoring in chemical and pharmaceutical production.

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

	CE Code Section 18					
	NEC® 505			NEC® 506		
Zone	Class I					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table						
Resolution	Full HD 1080p 1920x1080 pixels					
Viewing angle	63.7° to 2.3° H, 38.5° to 1.3° V					
Horizontal speed (variable)	0,1°/s ... 100°/s					
Accuracy of preset positions	0,02 °					
Vertical speed (variable)	0,1°/s ... 100°/s					
Focus	Auto, manual, trigger					
Degree of protection (IP)	IP66, 67, 68, 69					
Product Type	Rated operational voltage AC	Rated operational current AC	Network protocol	Video analysis technology	Art. No.	Weight
EC-951-V1C02L8R2T0M000	230 V	0.54 A	ONVIF profiles Q,S,T	-	296133	31 kg
EC-951-V2C02L8R2T0M000	24 V	5 A	ONVIF profiles Q,S,T	-	296134	31 kg
EC-951-V3C02L8R2T0M000	120 V	1 A	ONVIF profiles Q,S,T	-	296135	31 kg
EC-951-V6C02L8R2T0M000	100 V	1.2 A	ONVIF profiles Q,S,T	-	296136	31 kg
EC-951-V1C02L8R2T1MV00	230 V	0.54 A	ONVIF profile S and T	Video Analytics & Autotracking	294436	31 kg
EC-951-V2C02L8R2T1MV00	24 V	5 A	ONVIF profile S and T	Video Analytics & Autotracking	294437	31 kg
EC-951-V3C02L8R2T1MV00	120 V	1 A	ONVIF profile S and T	Video Analytics & Autotracking	294438	31 kg
EC-951-V6C02L8R2T1MV00	100 V	1.2 A	ONVIF profile S and T	Video Analytics & Autotracking	294439	31 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
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
	JCT-8146-22P-FO-BOX-4xM20-1xM25-R1.1 Terminal box, polyester resin Version for ethernet Tx and Fx, IP cameras Dimensions (HxWxD): 340.5 mm x 340.5 mm x 91 mm screwed lid Protection class: IP 66 Including TAG label (Formica) equipped with: 01x Telegärtner mounting rail distributor (6x SC Duplex) 20x Phoenix terminal block UT 2.5 02x Phoenix protective conductor terminal USLKG5 Cable entries: 01x brass plate 01x CMP 20sA2F M20, MsNi 01x CMP 20s16A2F M20, MsNi 02x M20 sealing plugs, nickel-plated brass (enclosed) 02x CMP 20sC2K M20, MsNi 01x CMP 25SC2KVAR M25, MsNi usable for: EC-941-PTZ	286343	-
Wall bracket			
	WB-EC- 940-PTZ/EC-941 Wall bracket for EC-940-PTZ and EC-941 Material: 316L (1.4404) stainless steel, electropolished Load capacity: max. 40 kg Length: 400 mm	251364	1 kg
Pole mounting			
	PMA-EC-940-PTZ/EC-941 Pole mount adaptor for EC-940-PTZ and EC-941 Material: 316L (1.4404) stainless steel, electropolished For pole diameter 110 ... 150 mm Load capacity: max. 50 kg Only together with wall bracket WB-EC-940-PTZ/EC-941	251362	5 kg
Corner adapter module			
	CMA-EC-940-PTZ/EC-941 Corner adapter module EC-940-PTZ and EC-941 Material: 316L (1.4404) stainless steel, electropolished Capacity: max. 50 kg WxH: 335 x 186 mm Only together with wall bracket WB-EC-940-PTZ/EC-941	251363	2 kg

Accessories			
Figure	Description	Art. No.	Weight
Parapet mounting bracket			
	PB-EC-940-PTZ/EC-941 Parapet mounting bracket for EC-940-PTZ and EC-941 Material: 316L (1.4404) stainless steel, electropolished Load capacity: max. 40 kg Diameter: 238 mm	251365	1 kg
Power line filter			
	EMC filter TDK, 1 phase, 250VAC, 6A EPCOS / TDK B84112G0000B060 Mandatory for use of cameras in maritime applications Filter Type: EMC Power Line Filter Voltage Rating: 250 V Current Rating: 6 A Mounting Style: Chassis Mount Termination Style: Tab Connector Leakage Current: 0.369 mA Operating Frequency: 50 Hz / 60 Hz Construction 2-line filter Metal case Polyurethane potting (UL 94 V-0) ENEC, UL and cUL approval	279754	200 g
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
Cable glands			
	CMP-20s16PXSS2K-REX KLE MsNi 3/4" OR Metal cable gland explosion protected for unarmoured cable Clamping range: 3.1 ... 8.6 mm Potting compound 250599 CMP-RAPIDEX30 is additionally required	282717	200 g
	CMP-20sPXSS2K-REX KLE MsNi 3/4" OR Metal cable gland explosion protected for unarmoured cable Clamping range: 6.1 ... 11.7 mm Potting compound 250599 CMP-RAPIDEX30 is additionally required	282687	200 g
	CMP-25sPX2K-REX cab.gl. n-pl. br. NPT 3/4" Metal cable gland Explosion-protected For armoured cables (suitable for 252571 VB-CAM-MULTI-Ethernet-ARM cables) Cable dia. range: 14 to 22 mm 250599 CMP-RAPIDEX30 compound is also required	251734	370 g
SFP Module			
	SFP Moxa SFP-1FEMLC-T Can be used in camera EC-941 Transmission: multi-mode Power consumption: max. 1 W Bandwidth: 100Base-FX / 100MBit/s Wavelength: 1310 nm Connector: LC duplex Distance: 2 km / 4 km Temperature range: -40 °C ... + 85 °C	282714	100 g
	SFP Barox AC-SFP-FXME 100MB MM T Can be used in Barox Switch in safe areas, not useable in camera EC-941 Transmission: multi-mode Bandwidth: 100Base-FX / 100MBit/s Wavelength: 1310 nm Connector: LC duplex Distance: 2 km Temperature range: -40 °C ... + 85 °C	276421	100 g

Spare Parts

Figure	Description	Art. No.	Weight
Potting compound			
	CMP-RAPIDEX30 Potting compound for cable glands	250599	55 g

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

