



- Certified for hazardous areas: Zone 1, 2, 21, 22, Class I, Div. 1
- Indoor & outdoor use: offshore, onshore, ports, ships, chemical, pharmaceutical, and hydrogen environments
- IP day/night camera with 4K Ultra HD, 22x optical zoom, and image stabilization
- Low-maintenance design, low power consumption, IP66/67, with integrated wiper and heater
- Operating temperature range: -60 °C to +65 °C (peak +75 °C)

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MY R. STAHL EC942A



Our EC-942 PTZ cameras offer state-of-the-art technology for precise video surveillance in oil, gas, chemical and pharmaceutical plants.

With a wide range of features such as day/night mode, edge recording, image stabilisation, dynamic control and integrated motion detection, they can be used almost anywhere.

Available with 18x or 40x zoom and 120 V, 240 V AC – suitable for potentially explosive areas (zones 1, 2, 21, 22, Class I Div. I) at temperatures from -60 °C to +60 °C.

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

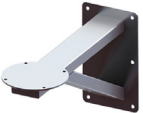
Selection Table						
Focus			Automatic focus			
Day/night camera			Yes			
Compression			H.264, H.265, MJPEG			
Product Type	Rated operational voltage AC	Interfaces	Resolution	Zoom	Art. No.	Weight
EC-942-TXP2TV2-IP-S	120 V	1x110 VAC, 1xRJ45	3 MP, 2065x1553 pixels	40x optical, 10x digital	338356	31.5 kg
EC-942-TXP3TV2-IP-S	230 V	1x230 VAC, 1xRJ45	3 MP, 2065x1553 pixels	40x optical, 10x digital	338357	31.5 kg
EC-942-TXP3TV4-IP-S	230 V	1x230 VAC, 1xRJ45	4 K, 3864x2180 pixels	22x optical, 10x digital	338359	31.5 kg
EC-942-TXP3TV2-SM-S	230 V	1x230 VAC, 1xsingle-mode	3 MP, 2065x1553 pixels	40x optical, 10x digital	338358	31.5 kg
EC-942-TXP2TA01-IP-S	120 V	1x110 VAC, 1xRJ45	2 MP, 1920x1080 pixels	18x optical	334045	31.5 kg
EC-942-TXP3TA01-IP-S	230 V	1x230 VAC, 1xRJ45	2 MP, 1920x1080 pixels	18x optical	334043	31.5 kg

Technical Data		
Variant		
Explosion Protection		
Scope	EU (CE / ATEX) Global (IECEX) United Kingdom (UKCA) United Kingdom (UKEX) Brazil (INMETRO) United Arab Emirates (ECAS)	EU (CE / ATEX) Global (IECEX) United Kingdom (UKCA) United Kingdom (UKEX) Brazil (INMETRO)
Application range (zones)	1, 2, 21, 22	1, 2, 21, 22
Electrical Data		
Power consumption	Max. 130 W, 85 W w/o heating	Max. 130 W, 85 W w/o heating
Camera Data		
Frame rate (fps)	60fps (2MP), 30fps (3MP/WDR)	25 fps/30 fps (50 Hz/60 Hz)

Technical Data

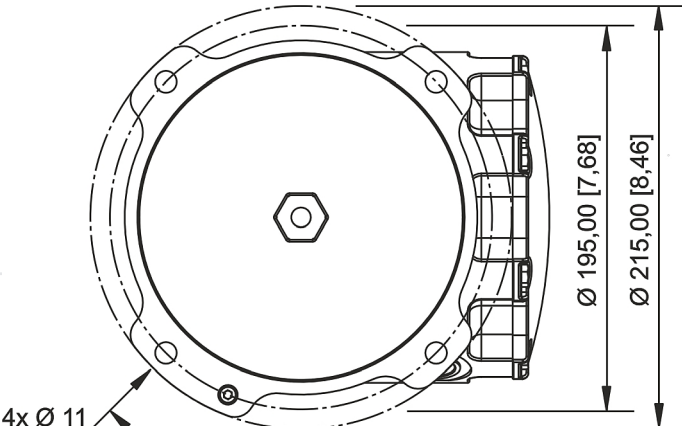
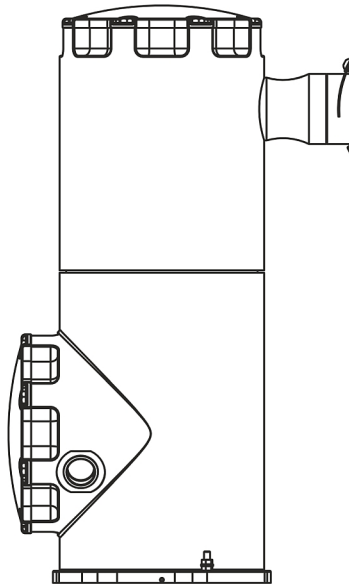
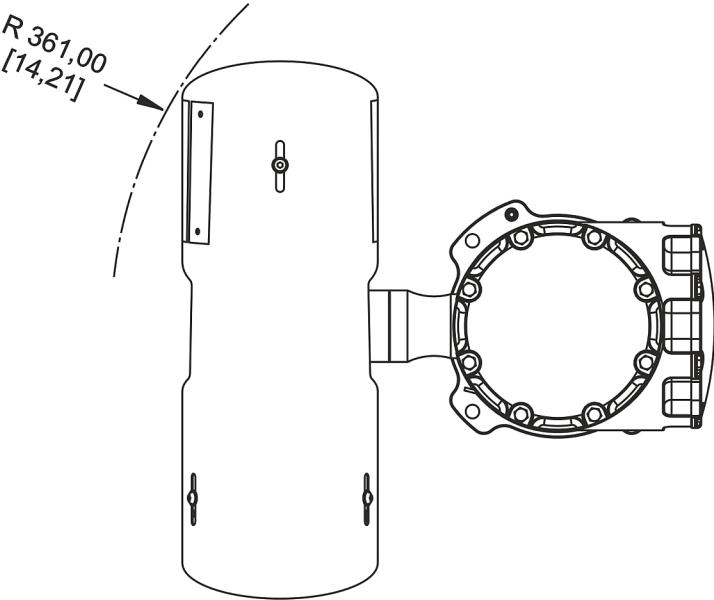
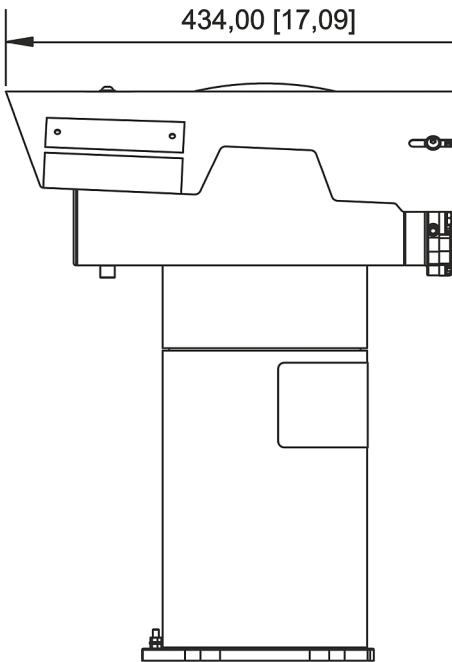
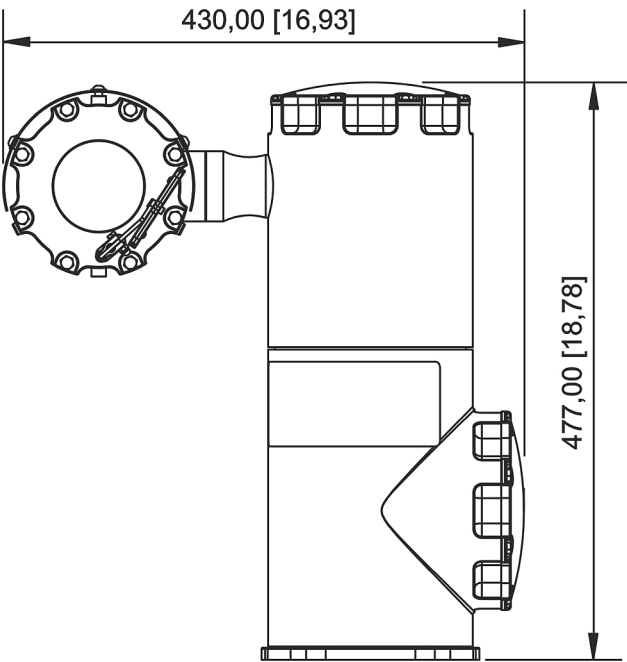
Variant		
Camera Data		
Edge Recording	microSD/SDHC/SDXC	microSD/SDHC/SDXC
Number of preset positions	120	120
Accuracy of preset positions	0.04 °	0.04 °
Horizontal speed (variable)	0°/s ... 40°/s	0°/s ... 40°/s
Vertical speed (variable)	0°/s ... 20°/s	0°/s ... 20°/s
Mechanical Data		
Degree of protection (IP)	IP66, 67, 68, 69	IP66, 67, 68, 69
Note on degree of protection	EN 60529, NEMA 4X	EN 60529, NEMA 4X
Integrated wiper	Yes	Yes
Software		
Streaming	ONVIF Profile S, T, G, M	ONVIF Profile S, T, G

Accessories

Figure	Description	Art. No.	Weight
Multi-cable			
	VB-CAM-EC-942-10m-EXACCTF10-B Armoured multi-cable for EC-942 and EC-952 series Length 10 m Cables for power supply, Ethernet and data Suitable for highly corrosive environments Resistant to flames, UV and ozone, oil, petrol and hydrocarbons Pre-assembled pressure-resistant brass cable glands at both ends Temperature range -40 °C +90 °C (-40 °F +194 °F) Can be used with terminal box 265668	340381	53 kg
	VB-CAM-EC-942-5m-EXACCTF5-B Armoured multi-cable for EC-942 and EC-952 series Length 5 m Cables for power supply, Ethernet and data Suitable for highly corrosive environments Resistant to flames, UV and ozone, oil, petrol and hydrocarbons Pre-assembled pressure-resistant brass cable glands at both ends Temperature range -40 °C +90 °C (-40 °F +194 °F) Can be used with terminal box 265668	339157	-
	VB-CAM-EC-942-5m-EXACCTF5-D Armoured multi-cable for EC-942 and EC-952 series Length 5 m Cables for power supply, FO and data Suitable for highly corrosive environments Resistant to flames, UV and ozone, oil, petrol and hydrocarbons Pre-assembled pressure-resistant brass cable glands at both ends Temperature range -40 °C +90 °C (-40 °F +194 °F)	339158	-
Wall bracket			
	WB-EC-942-SSBK-L Wall bracket for EC-942 and EC-952 Material: 316L stainless steel (1.4404) Weight: 10 kg	338901	10 kg
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	265668	800 g

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

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PTZ Camera

Series EC-942

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