

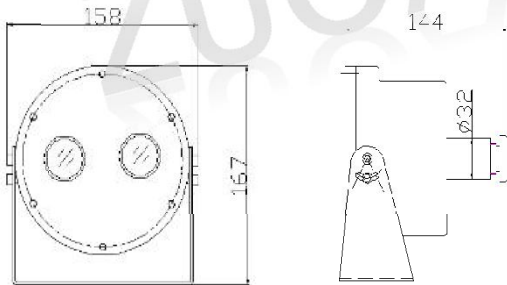
## ZAF109

### MINI EXPLOSION-PROOF ANALOG CAMERA WITH LIGHTS

#### MAIN FEATURES

- stainless steel 304 or 316L
- optional electropolished or corrosion resistant paint finish
- Enclosure Protection: IP68
- Exd II CT6 Gb/ Ex tD A21 IP68 T80°C
- Fit for gas zone 1, zone 2, dust zone 21, 22
- power input: DC12V
- With lights for night vision: 0-30m distance
- Camera: 950TVL, 3.6mm lens
- Application: Oil tank, dangerous goods vehicle, marine vessel

#### DRAWINGS



ZAF109 CAMERA



FLEXIBLE TUBE



ZAJXD4 JUNCTION BOX

Model	ZAF109-S-950	ZAF109-SS-950
Atmospheric pressure	80KPa~110Kpa	
Ambient Temperature	-20°C~+60°C	
Relative Humidity	≤95% (+25°C)	
Ex-proof mark	Exd II CT6 Gb/ Ex tD A21 IP68 T80°C	
Explosion proof Certified	CNEx 16.2526	
Ingress Protection	IP68	
Housing Material	Stainless Steel 304	Stainless Steel 316L
Image Sensor	1/3" Progressive Scan CMOS	
Signal	PAL	
Effective pixel	1305*1049	
Min. Illumination:	0.01Lux @ (F1.2, AGC ON), 0 Lux with IR	
Shutter	1/25 sec to 1/25000 sec	
Lens	3.6mm (6mm, 8mm 12mm optional)	
Lens mount	M12	
Day& Night:	IR cut filter with auto switch	
Horizontal resolution	950TVL	
Video output	1Vp-p Composite Output (75Ω/BNC)	
SN Rate	above 62 dB	
Auto Gain	Lower/ middle/ high/ off	
Color	Color/ B&W / IR	
White balance	auto/ manual	
Private protect	on/off, 8 zones	
Move detection	on/off, 4 zones	
Exposure	totally exposure/ wide balance	
3D denoise	lower/ middle/ high/ off	
Function	SMART IR contrast, Sharpness, saturability, mirror, zoom	
Light night vision	0-30m	
Voltage Input	DC12V ± 10%	
Power consumption	5w Max	
Signal output	AV, Pelco-C (coaxitron)	
Cable output	Integrated cable, 2m long	
Cable gland	1pcs G3/4	
Overall dimension	167*144*158mm	
Net weight	4.3 kg	