

## SPX Series

### Explosion-proof Integrated PTZ Camera



#### MAIN FEATURES

304 or 316L Stainless Steel material

Explosion-proof certified:

ATEX II 2G Exd IIC T6, II 2D Ex t IIIC T80°C Db

IP 68 (2m/2h)

Integrated configuration with fixed base cable entry

Light weight and compact

Standard fitted with sunshield, wiper and heater

Optional IR illuminator and washer system

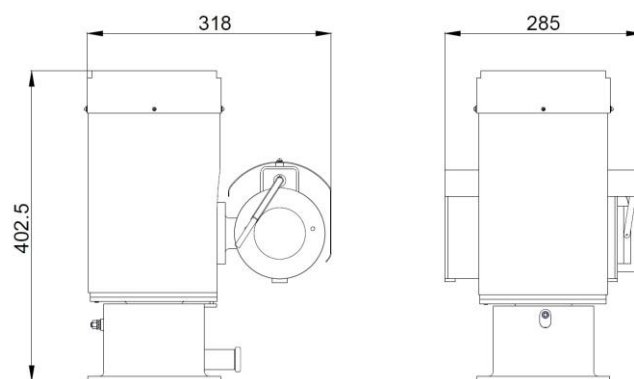
Wide options of camera and lens selection



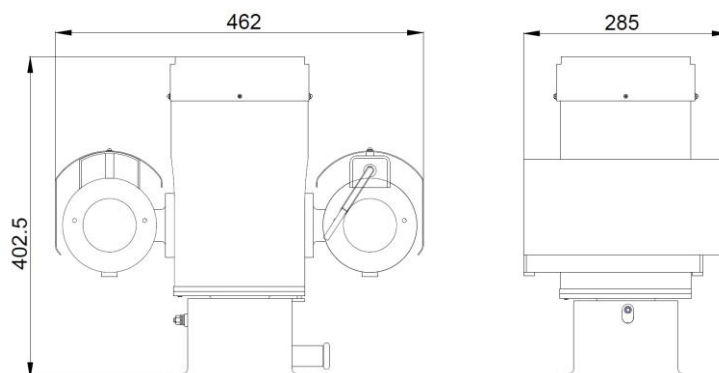
SPX-IR

SPX Series Explosion-proof Integrated Camera System is certified for application in hazardous area Zone 1 and Zone 2 that contained Group IIA, Group IIB and Group IIC flammable gases, and also hazardous area Zone 21 and Zone 22 that contained the mixture of flammable gas atmospheres and flammable mists or dusts. Its explosion-proof quality is in accordance with EN60079-0:2009, EN60079-1:2007, EN60079-31:2009 standard.

It is designed for extreme environment operation, with built-in sunshield to reduce the temperature caused by direct sunlight and built-in thermostatically control heater to compensate for low temperature environment operation. The built-in wiper mechanism may reduce the effect of dusts, rain drops and condensates on the camera sight glass, for improved video quality. Optional washer system can be provided to enhance the cleaning function on the camera sight glass. For operation in low illumination environment, optional IR illuminator can be integrated to enhance the visibility of the day and night camera used.



SPX Outline Dimensions



SPX-IR Outline Dimensions

### TECHNICAL DATA

#### SPX

#### SPX-IR

GENERAL		
Certification	ATEX II 2G Exd IIC T6, II 2D Ex t IIIC T80°C Db	
Ingress Protection	IP68(2m/2hr)	
Operating Temperature	-40°C to 60°C	
MECHANICAL		
Material	304 / 316L Stainless steel material (please specify)	
Built-in Wiper Mechanism	Standard Fitted (can be excluded upon request)	
Overall Dimension (WxHxD)	318x402.5x285mm	462x402.5x285mm
Sight Glass Dimension	Φ64mm	
Internal Housing Usable Size	φ78x210mm	
Cable Entries	1×G1/2” Explosion-proof cable entries, inner hole φ12mm	
Weight (without camera and lens)	20kg	27kg
Pan & Tilt Speed	Variable speed option: 0.1°/s to 45°/s	
Pan Range	360° continuously	
Tilt Range	-90° ~ +90°	
ELECTRICAL		
Operating Voltage	AC24V ~ AC260V 50/60Hz, DC24V (please specify)	
Current	≤1A Current	
TELEMETRY RECEIVER		
Connection	RS-485	
Protocol	Pelco D or Pelco P (Please specify. Other protocols upon request.)	
Preset	128 (max)	
IR ILLUMINATOR		
Wave Length	-	850nm
Illuminating Distance	-	120m (max)
STANDARD FITTED		
Sunshield	Yes (can be excluded upon request)	
Thermostatically Controlled Heater	Yes (can be excluded upon request)	
OPTIONAL ACCESSORIES		
Wall Mount Bracket	WBSPX	