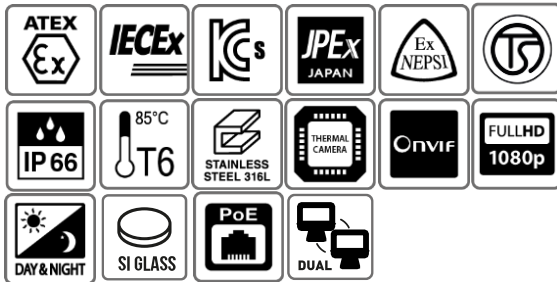


I Explosion Proof Dual Camera System

Thermal, Optical, Dual Function



Key Features

- Ex Certifications : IECEx / ATEX / KCs / NEPSI / JPEX / TS
- Ex Certifications (Gas) : Ex d IIC T6 Gb, Zone 1 & 2
- Ex Certifications (Dust) : Ex tb IIIC T85°C Db, Zone 21 & 22
- Electropolished AISI 316L Stainless Steel / Lost-wax casting mold structure without welds
- Silicon Glass / Tempered Glass
- Ingress Protection Rating : IP66
- Operating Temperature : -25°C ~ +55°C
- Ambient Temperature : -40°C ~ +60°C
- Cable Entry : 1 x 1/2" NPT
- 3.3mm Fixed Lens
- Thermal : 256X192 / Optical : 1920X1080 / 160(H) x 120(V)-Option
- Thermal Camera SDK, RTSP, ONVIF / Optical RTP, RTSP, ONVIF
- Pixel Pitch : 12μm
- Support Modbus Protocol
- Three-phase Imbalance detection
- Temperature Range : Accuracy : -20°C ~ 150°C, 20°C ~ 550°C
- Support Point, Line, Plane, Polygon ROI
- PoE Class 3 (IEEE 802.3af) support / DC 12V 3A

TECHNICAL SPECIFICATION

MECHANICAL PART

Ex Certifications	IECEX / ATEX / JPEX / NEPSI / KC / TS
Ex Certifications (Gas)	Ex d IIC T6 Gb, Zone 1 & 2
Ex Certifications (Dust)	Ex tb IIIC T85°C Db, Zone 21 & 22
Construction	AISI 316L Stainless Steel
Window	Silicon Glass / Tempered Glass
Ingress Protection Rating	IP66
Operating Temperature	-25°C ~ +55°C
Ambient Temperature	-40°C ~ +60°C
Operating Humidity	Less than 90%RH
Dimensions	124.4(W) x 154.5(H) x 160.2(D) mm
Weight	About 1.7 kg
Supply Voltage	PoE Class 3 (IEEE 802.3af) / DC 12V 3A
Cable Entry	1 x 1/2" NPT

CAMERA PART

Thermal Camera	
Sensor	Uncooled IRFPA Microbolometer
Pixel Pitch	12 μ m
Spectral Range	LWIR 8 ~ 14 μ m
NETD	≤50mK
IR Resolution	256(H) x 192(V)
Frame Speed	≤15Hz
Lens Type	Fixed Lens
Angle of View(FOV)	90.6°(H) x 65.4°(V)
Accuracy	±2.0°C or ±2.0%
Temperature Range	-20°C ~ 150°C, 20°C ~ 550°C
Shutter	Electric Shutter
R.O.I Type	Point , Line, Square, Polygon
R.O.I	Max. 29EA Area
Temperature Alarm	Three-phase imbalance detection
Modbus Protocol	Support
Optical Camera	
Image Sensor	1/2.8" CMOS
Resolution	1920(H) X 1080(V)
Frame Rate	30fps
Lens	3.3mm Fixed Lens
Angle of View(FOV)	101°(H) x 57°(V)
Compression	H.264, JPEG

TECHNICAL SPECIFICATION

DIMENSION(MM)

