

## Explosion Proof Bullet Camera System



### **iVEX-PLs-3001R**

Explosion Proof Bullet Camera System

## Key Features

- Ex Certifications : IECEx / ATEX / KCs / NEPSI / JPEX
- 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
- Ingress Protection Rating : IP67
- Operating Temperature : -25°C ~ +64°C
- Cable Entry : 1 x 1/2" NPT
- Full HD 2 Megapixel, 1/2.8" High Sensitivity STARVIS CMOS Sensor
- 2.7mm wide angle Lens
- Minimum Illumination : 0.03 Lux
- Video Quality Adjustment : H.264 / H.265 / MJPEG
- ONVIF support
- PoE Class 3 (IEEE 802.3af) support
- Built In IR LED
- Camera / Housing / Exclusive multi-bracket / Explosion Proof Cable Gland /  
Explosion Proof Cable (Option) / All-in-one, Maximized Installation and Convenience

## MECHANICAL PART

Model	<b>iVEX-PLs-3001R</b>
Construction	AISI 316L Stainless Steel
Window	Tempered Glass
Ex Certifications	IECEX / ATEX / JPEX / NEPSI / KC
Ex Certifications (Gas)	Ex d IIC T6 Gb, Zone 1 & 2
Ex Certifications (Dust)	Ex tb IIIC T85°C Db, Zone 21 & 22
Ingress Protection Rating	IP67
IR Illuminator	Max. 20M (Option)
Operating Temperature	-25°C ~ +64°C
Operating Humidity	Less than 90%RH
Dimensions	120(W) x 129(H) x 92(D) mm
Weight	About 1.8 kg
Supply Voltage	PoE Class 3 (IEEE 802.3af)
Cable Entry	1 x 1/2" NPT

## CAMERA PART

Sensor Type	1/2.8" Sony STARVIS CMOS Sensor
Effective Pixels	1945(H) x 1097(V) / 2.13 Megapixels
Scanning System	Progressive Scan
Lens	2.7mm Lens / F1.4
Angular Field of View (D/H/V)	D:138.0°/ H:103.0°/ V:74.4°
Minimum Illumination	0.03 Lux / 0Lux (IR On)
Day & Night	True Day & Night (Auto, Color, BW)
Electronic Shutter Control	Auto / Manual(1/30 ~ 1/30,000 sec)
WDR	True WDR (On / Off)
DNR	3DNR
Privacy Zone	Off / On (4 Programmable Zone)
Video Quality Adjustment	H.264 / H.265 / MJPEG
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 640x480, 320x240
Frame Rate	1920x1080p @30fps
Bitrate Control	CBR/VBR, Network Bandwidth Control
Streaming Capability	Dual Stream : Main-stream (1080p), Sub-stream (D1)
Number of Concurrent Users	Up to 4 Users
Ethernet	Ethernet 10/100 Base-T
IP	IPv4 / IPv6
Protocol	TCP/IP, HTTP, STP/RTSP, UDP, DHCP, FTP, SMTP, NTP, ARP, ICMP, DDNS, ONVIF
ONVIF	Yes (Profile-S)