

PLs-3101R

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 : IP66
- 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
- Day & Night / True Wide Dynamic Range
- Multi Format Video Output : AHD / TVI / CVI / CVBS (1 Video Selection Output)
- Camera / Housing / Exclusive multi-bracket / Explosion Proof Cable Gland / Explosion Proof Cable (Option) / All-in-one, Maximized Installation and Convenience





Mechanical specification

Model	PLS-3101R
Construction	AISI 316L Stainless Steel
Window	Tempered Glass
Ex Certifications	IECEEx / ATEX / KCs / JPEX / NEPSI / CE / FCC / 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	IP66
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	DC12V
Cable Entry	1 x 1/2" NPT

Camera specification

Sensor Type	1/2.8" Sony STARVIS CMOS Sensor
Effective Pixels	1945(H) x 1097(V) / 2.13 Megapixel
Scanning System	Progressive Scan
Resolution	Digital : 1920 x 1080p, More than 1000 TVL(1080p)
Lens	2.7mm Lens / F1.4
Angular Field of View	D:138.0° / H:103.0° / V:74.4°
Minimum Illumination	0.03 Lux
Day & Night	True Day & Night (Auto, Color, BW)
Electronic Shutter Control	Auto / Manual(1/30 ~ 1/30,000 sec)
S/N Ratio	More than 50dB(AGC off)
AGC	Off / 0 ~ 10
WDR	True WDR (Off/ BLC / WDR)
DNR	Off / Low / Middle / High
Sens-up	Off / x2 ~ x32
Privacy Zone	Off / On (16 Programmable Zone)
Motion Detection	Off / On
Video Output	AHD / TVI / CVI / CVBS : 1 Video Output Selectable
Frame Rate	1080p - 25fps/30fps