

Explosion Proof Pan/Tilt/Zoom Camera System



iVEX-PTZ-30A

Explosion Proof PTZ Camera System

Key Features

- Ex Certifications : IECEx / ATEX / KCs / NEPSI
- 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
- Ambient Temperature : -40°C~+67°C
- Pan / Tilt Range : 360° Endless / ±90°
- Pan / Tilt Speed : 0.025~120°/sec (Basic 20°/sec)
- 100% Gear Type Rotation Mechanism Structure
 - Excellent Durability, Ideal for Environments with Severe Vibration
- Explosion Proof Enclosure Integrated Structure
 - Output Cable Connect/Disconnect, Excellent Field-Installed Maintenance Capabilities
- Equipped with high-performance hybrid infrared LED. Visibility up to 100 meters
- Wiper for rotary operation / Auto timer function / Dust brush_option
- Cable Entry : 2 x 3/4" NPT
- Full HD 2 Megapixel, 1/1.9" High Sensitivity STARVIS CMOS Sensor
- Focal Length / Zoom : 6~216mm / Optical 36x & Digital 32x
- ONVIF / RS-485 support

MECHANICAL PART

Ex Certifications	IECEX, ATEX, KCs, NEPSI
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
Dual Window Cleaning	Rotating Operation Type Dual Wiper (Fine Dust Brush + EDPM Blade) Mounted Auto Timer Operation Automatic Cleaning Function (Option)
Infrared Floodlight	High Performance Hybrid Infrared LED Visible Distance up to 100 meters (Option)
Explosion Proof Enclosure	Output Connect/Disconnect Cables, Function Setting and Main Circuit Replacement Available
Wiper / Fan / Heater	Option
Pan / Tilt Range	360° Endless / ±90°
Pan / Tilt Speed	0.025~120°/sec (Basic 20°/sec)
Ingress Protection Rating	IP67
Ambient Temperature	-40°C ~ +67°C
Operating Temperature	-20°C ~ +55°C
Dimensions	350(W) x 445(H) x 380(L) mm
Weight	About 32 kg
Communications	TCP/IP, RS-485
Supply Voltage	DC 24V, 50/60Hz, 110 ~ 230VAC
Power Consumption	Up to 150W
Cable Entry	2 x 3/4" NPT

CAMERA PART

Sensor Type	1/1.9" Sony STARVIS CMOS Sensor
Effective Pixels	1937(H) x 1097(V)=2.12 M Pixels
Resolution	1920 x 1080p
Lens	F= 6mm ~ 216mm / F1.5(wide) ~ F4.8(tele)
Angular Field of View (D/H/V)	D : 63.31°(W)~2.44°(T) / H : 56.5°(W)~2.12°(T) / V : 33.63°(W)~1.19°(T)
Zoom	Optical 36x & Digital 32x
Minimum Illumination	Color : 0.5Lux / BW : 0.1Lux Color DSS(1/7.5s) : 0.125Lux / BW DSS(1/7.5s) : 0.025Lux
Day & Night	Auto / Day / Night
White Balance	Auto / One Push / Manual / Indoor / Outdoor
Backlight Compensation (WDR)	Real-Time True WDR, Off / WDR / BLC / HLC
Function	Digital Image Stabilizer / Defog Function
DNR	Auto / Off / Low / Middle / High
Digital Slow Shutter	Off / x2 / x4
Video Quality Adjustment	H.264 / H.265 / MJPEG
Streaming Capability	Primary : H.264 Secondary x3 : H.264 / MJPEG
Ethernet	Ethernet 10/100/1000base-T(RJ-45)
IP	IPv4 / IPv6
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2/v3(MIB-2), ARP, DNS, DDNS
ONVIF	Yes