



VT-1000ZPPS230

ATEX Certificated Stainless Steel Explosion Proof Housing

Features

- AC85V-260V
- ATEX Zone 1&2 / 21&22
- lens: 30x, IR distance:100M
- smart windshield wiper optional
- Made of 304 stainless steel material (316,316L for optional)
- Support digital wide dynamic, support 3D-DNR, low bit rate
- Class I Division 1&2 / Class II Division 1&2 and all the rest except zone 0
- horizontal 360°(Endless), Vertical : $\pm 90^\circ$, Rotate speed $0.1^\circ/S \sim 40^\circ/s$
- The module circuit design, support baud rate/ control protocol automatic recognition, support software address code setting



VT-1000ZPPS230 ATEX Certificated Stainless Steel Explosion Proof Camera



Smart windshield wiper
 automatic aperture. automatic focusing, easy to monitor remote targets.
 Minimum illumination. 0.05Lux/F1.6(color,0.01Lux/F1.6(BW)
 Support digital wide dynamic, support 3D-DNR, low bit rate
 The module circuit design, support baud rate/ control protocol automatic recognition, support software address code setting.
 Imported precision motor, Response sensitivity, stable operation, low accuracy, no jitter under any speed
 Windows glass surface process by nanotechnology. Well light transmittance. no halation effect. non-stick oil/dusty
 Low power consumption, the fuselage internal air convection heat dissipation design, can work continuously for a long time
 Made of 304 stainless steel material. apply to strong corrosive environment
 Well design for Explosion-proof, anti-corrosion, waterproof, suitable for indoor and outdoor environment

Products	Ex-Level	ATEX II 2G Ex d IIC T6 Gb II 2D Ex tb IIIC IP68 T80°C Db
	Ingress Protection level	IP66
Camera	imaging sensor	1/2.8" Progressive Scan CMOS
	Signal System	PAL/NTSC
	minimal illumination	Color : 0.05Lux @ (F1.6, AGC ON)
		BW : 0.01Lux @ (F1.6, AGC ON)
	Day/Night	ICR auto switch
SNR	>52dB	

	electronic shutter	1/1S ~ 1/30,000S
	resolution ratio	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080)
		50HZ:25fps(1280x720) 60HZ:30fps(1280x720)
	White balance	1/ 2Automatic / manual / indoor / outdoor lamp / fluorescent lamp
	3DDNR	Support
Lens	focal distance	4.3-129mm, 30x
	Aperture	F1.6 – F5.0
	horizontal view angle	65.5-2.11 degree (Wide-Tele)
	Min-working distance	10-1500mm (Wide-Tele)
	Zoom speed	Approx.3s (Optical Wide-Tele)
Menu control	exposure mode	Auto exposure / aperture priority / shutter priority / manual exposure
	Focusing mode	Auto /manual /one time focusing
Compression standard	Video compression standard	H.264 /H.265/MJPEG
	Output compression rate	32 Kbps~16Mbps
	Audio compression standard	G.711-a law、 G.711-u law、 G.726
Image	Image set	Saturation, brightness, contrast
Net	Memory	Support micro SD
	Intelligent alarm	motion detecting, fault block alarm the memory full, memory fault
	Support protocols	TCP/IP、 HTTP、 DHCP、 DNS、 DDNS、 RTP、 RTSP、 PPPoE、 SMTP、 NTP、 UPnP、 SNMP、 FTP、 802.1x、 QoS、 HTTPS、 IPv6 (SIP、 SRTP、 Optional
PTZ function	Rotation range	Horizontal : 0~360°Vertical: : ±90°
	Rotation speed	Horizontal : 0.1°/S~40°/s Vertical: : 0.1°/S~40°/s
	monitoring location	300 locations can be set
	Communication method	RS485
	Boad rate	2400 / 4800 / 9600 bps
	Communication protocol	PELCO—D、 PELCO—P etc.

	monitoring location setting accuracy	±0.1°
IR	The IR wavelength,	808nm
	Light angle	≥ 25°
	Irradiation distance	100 m
Interface	Audio input	1 path (optional)
	Audio output	1 path (optional)
	Alarm input	1 path (optional)
	Alarm output	1 path (optional)
	Interface protocols	ONVIF、PSIA、CGI
Other specification	Temperature range	-40°C~60°C
	Relative humidity	≤ 95% (+25°C)
	Atmospheric pressure	80kpa~106 kpa
	Material	304 stainless steel (316, 316L for optional)
	Supply voltage	AC85V-260V
	Inlet hole specifications	G-3/4"x 1
	Electrical connection	10-core composite cable
	Thermostat System	Optional
	Installation method	bracket or base installation