



**VT-1000ZPPY220**

**ATEX Certificated Stainless Steel Explosion Proof Housing**

## Features

- ATEX Zone 1&2 / 21&22
- smart windshield wiper optional
- Made of 304 stainless steel material (316,316L for optional)
- Low power consumption, the fuselage internal air convection heat dissipation design, can work continuously for a long time
- 18/ 20 x optical zoom, automatic aperture. automatic focusing, easy to monitor remote targets
- Well design for Explosion-proof, anti-corrosion, waterproof, suitable for indoor and outdoor environment



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Smart windshield wiper optional  
 18/ 20 x optical zoom, 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 IP66 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)
	Communication method	BW : 0.01Lux @ (F1.6, AGC ON)
	Day/Night	ICR auto switch
	SNR	>52dB

	electronic shutter	1/1S ~ 1/30,000S
Laser	resolution ratio	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080)
	Light angle	50HZ:25fps(1280x720) 60HZ:30fps(1280x720)
	White balance	1/ 2Automatic / manual / indoor / outdoor lamp / fluorescent lamp
Interface Lens	3DDNR	Support
	focal distance	4.7-94mm, 20 optical
	Aperture	F1.6-F3.5
	horizontal view angle	61.4-2.9 ° (Wide-Tele)
	Min-working distance	10-1500mm (Wide-Tele)
Other specification Menu control Compression standard Image Net PTZ function	Zoom speed	About 2.7 s (optical , Wide-Tele)
	exposure mode	Auto exposure / aperture priority / shutter priority / manual exposure
	Focusing mode	Auto /manual /one time focusing
	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 set	Saturation, brightness, contrast
	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
	Rotation range	Horizontal : 0~355°Vertical: : ±90°
	Rotation speed	Horizontal : 9°/S Vertical: : 6°/S