



Features

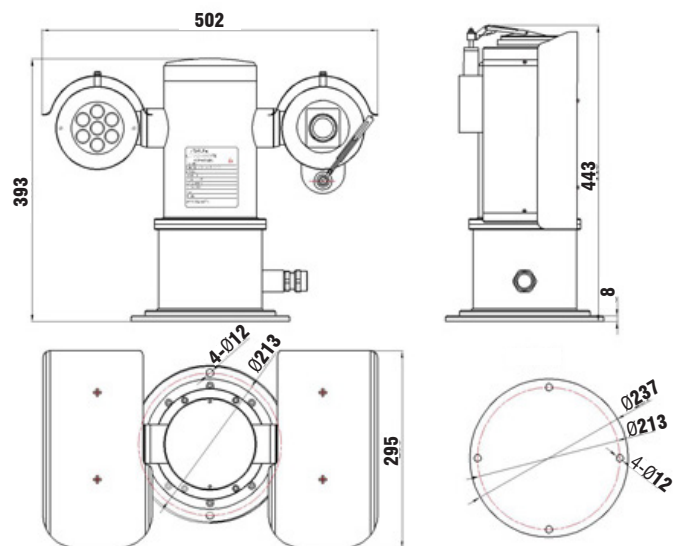
- 316L Stainless steel (Also available in 304 SS)
- 38X Optical Zoom
- Starlight illumination
- Accurate and fast focusing
- Smart IR, up to 250m (820ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 4 Megapixel image
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- Customized OSD
- ONVIF Conformance
- PoE++ (IEEE 802.3bt)

HOUSING					
Certificate Mark	ExdIIc T6 GB/DIP A20 TA, T6				
Certificate No	CNEx13.3111				
Standards	Q/320412 ZAF047-2013				
MECHANICAL					
Housing	Stainless steel 316L (Also available in 304 SS)				
IP	IP68				
Cable Thread Hole	1pcs G3/4 or NPT3/4				
Wiper	Yes				
AMBIENT					
Ambient Temperature	-25°C to +60°C				
Air Pressure	80Kpa to 106Kpa				
Relative Humidity	≤95% (no condensation)				
ELECTRICAL					
Voltage	AC85V~AC265V or DC24V or AC24V				
Power	50W /70W (with thermostat)				
LIGHTS					
Light distance	100m				
Light Control	Supported				
GENERAL					
Cable	Integrated cable				
Dimensions (LxWxH)	502 x 292 x 443 mm / 19.8" x 11.5" x 17.4" in.				
Weight	24.5kg [54 lbs]				
Mounted	Wall, Pole				
CAMERA					
Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS				
Lens	5.7 ~ 216.6mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	38				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5.7	97.5	39	19.5	9.8
	216.6	3030	1212	606	303
Angle of View (H)	58.5° ~ 2.1°				
Angle of View (V)	34.9° ~ 1.2°				
Angle of View (O)	72.0° ~ 2.5°				
Shutter	Auto/Manual; shutter time: 1 ~ 1/100000s				
Minimum Illumination	Color: 0.0005Lux (F1.3, AGC ON) 0Lux with IR				
Iris	Auto/Manual; F1.3 ~ F4.6				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>55dB				

IR Range	UP to 250m (820ft)
Defog	Optical Defog & Digital Defog
WDR	120dB
VIDEO	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream: 4MP (2688*1520), Max 60fps; Sub Stream: 2MP (1920*1080), Max 60fps; Third Stream: D1 (720*576), Max 60fps
HLC	Supported
BLC	Supported
EIS	Supported (Gyroscope)
OSD	Up to 8 OSDs
Privacy Mask	Up to 24 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
AUDIO	
Audio Compression	G.711
Two-way Audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
STORAGE	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
NETWORK	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
PAN & TILT	
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 74°/s Preset speed: 300°/s
Tilt Range	-20° ~ 90° (auto reverse)
Tilt Speed	0.1° ~ 74°/s Preset speed: 240°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Home Position	Supported
INTERFACE	
Audio I/O	Audio cable Input: impedance 1kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1

Serial Port	1 RS485
Network	1 RJ45 10M / 100M Base-TX Ethernet
GENERAL	
Power	AC 24V ±25%, DC 24V ±25%, PoE++ (IEEE 802.3bt) (IEEE802.3bt switch required)
Power Consumption	16 ~ 51W
Reset Button	Supported

Dimensions



ATEX Markings Breakdown

