2310131023

DS-2DY9236I-CWX (W316L)

2MP 36× IR Explosion Proof Positioning System

- 1/1.8" progressive scan CMOS
- Up to 1920 × 1080@30fps resolution
- Min. illumination:
  - Color: 0.002 Lux @(F1.5, AGC ON)
  - B/W: 0.0002 Lux @(F1.5, AGC ON)
  - 0 Lux with IR
- 36× optical zoom, 16× digital zoom
- 120 dB WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus
- Up to 150 m IR distance
- Explosion-proof certificate: TUV 17 ATEX 8118, IECEx TUR 17.0049
- Support H.265+/H.265 video compression

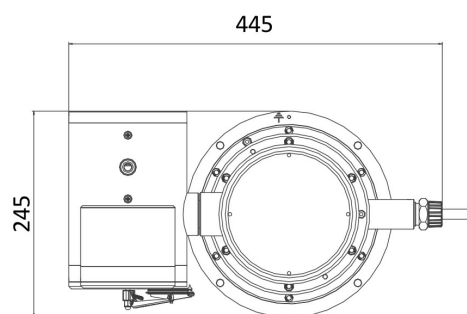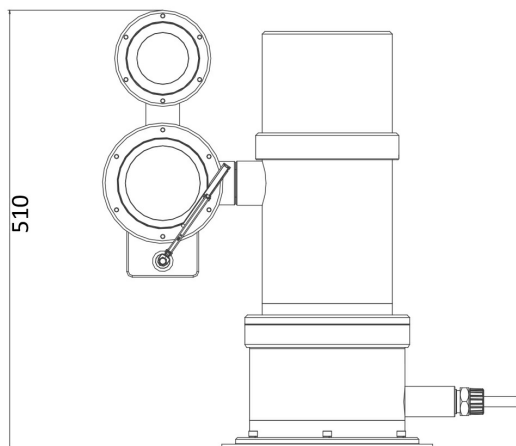Onvif ONVIF Conformant   Onboard communication   Ex Atex

Description

The DS 2DY9236I CWX(W/316L) 2MP 36× IR (DarkFighter) Explosion Proof Positioning System adopts 1/1.8" progressive scan CMOS chip. With the 36× optical zoom lens, the positioning system offers more details over expansive areas.

The explosion proof positioning system is equipped with explosion proof enclosure made of stainless steel. It can be widely used in the scenes such as port, wharf, petrochemical vessels, navy vessels etc.
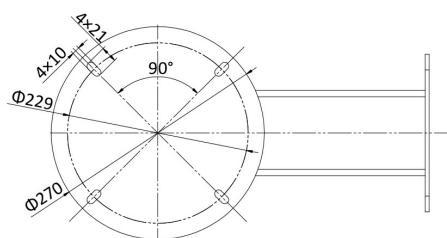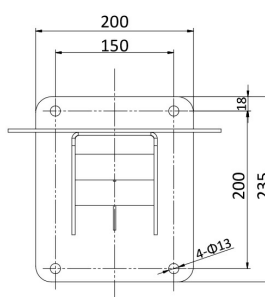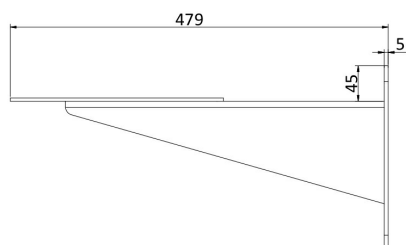
- High quality imaging with 2 MP resolution
- Excellent low-light performance via DarkFighter technology
- 36x optical zoom provides close up views over expansive areas
- Corrosion resistant to NEMA4X standard

Technical Dimensions

Dimensions

510

445

245

Unit: mm

479

5

45

200

150

18

200

235

4-Ø13

4x21

4x10

90°

Φ229

Φ270

Unit: mm

Specifications

DESCRIPTION

Dimensions	445 mm×245mm×510mm
Weight	36.7kg
Power	100 VAC to 240 VAC, Max:100 W (Max.15 W for IR)
Enclosure Material	SUS316L
Working Temperature	-40°C to 60°C
Web Browser	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
Ethernet	1× RJ45 100M self-adaptive Ethernet interface
Max. Image Resolution	1920×1080
Main Stream	50Hz: 25fps (1920×1080,1280×960,1280×720), 60Hz: 30fps (1920×1080,1280×960,1280×720)
Sub Stream	50Hz: 25fps (704×576,640×480,352×288), 60Hz: 30fps (704×480,640×480,352×240)
Third Stream	50Hz: 25fps(1920×1080,1280×960,1280×720,704×576,640×480,352×288), 60Hz:30fps(1920×1080,1280×960,1280×720,704×480,640×480,352×240)
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third Stream: H.265/H.264/MJPEG
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus
ROI	Main stream, sub-stream, and third stream respectively support four fixed areas
Audio Compression	G.711alaw/G.711ulaw/G.722.1/ G.726/MP2L2/PCM
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
	Up to 32 users; 3 levels;

Users	Up to 32 users, 3 levels: Administrator, Operator and User
Security	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Audio Interface	1-ch audio input and 1-ch audio output
Alarm Interface	7-ch alarm input and 2-ch alarm output
Alarm Linkage	Alarm actions, such as Notify Surveillance Center, Upload to FTP, Send Email, Trigger Recording, Recording Linkage, and Alarm Input, etc.
Pan Range	360°endless
Pan Speed	Configurable, from 0.1°/s to 50°/s, Preset speed: 50°/s
Tilt Range	From -90° to 90° (auto-flip)
Tilt Speed	Configurable, from 0.1°/s to 40°/s Preset Speed: 40°/s
Proportional Zoom	Support
Number of Preset	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Smart Features	Motion Detection, Alarm Input, Alarm Output, Video Tampering Detection, Exception, Face Detection, Audio Exception Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection.
Focal Length	5.7mm to 205mm, 36× optical zoom
Zoom Speed	Approx. 4.4s (optical lens, wide-tele)
Field of View	Horizontal field of view: 59.8° to 2.0° (wide-tele); Vertical field of view: 35° to 1.1° (wide-tele); Diagonal field of view: 66.2° to 2.3° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.5 to F4.5
Image Sensor	1/1.8" progressive scan CMOS
Minimum Illumination	Color: 0.002 Lux @(F1.5, AGC ON); B/W: 0.0002 Lux

Minimum Illumination	@(F1.5,AGC ON); 0 Lux with IR
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
WDR	120dB
Shutter Time	50Hz: 1/1s to 1/30,000s; 60Hz: 1/1s to 1/30,000s
Day& Night	IR cut filter
Zoom	36× optical zoom; 16× digital zoom

ACCESSORIES

2310131021	DS-2780ZJ-X/316L Ex-proof Junction box

Accessories

DS-2780ZJ-X316L

Explosion-Proof Terminal Box, SST, IP68, ATEX_IECEx

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