HIKVISION

DS-2DY9225I5H-A (C)
2MP 25× Laser Network Positioning System

DarkFighterX

TRUE WDR	Ultra Low Light	SD	ROI
H.265	Alarm		Scheduled Task
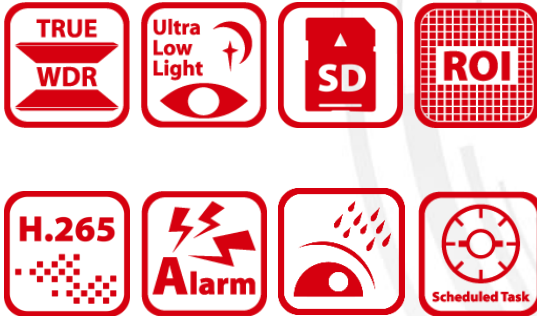
Hikvision DS-2DY9225I5H-A 2MP 25× Laser Network Positioning System is a DarkfighterX series camera that adopts the patented dual-sensor design to process color and brightness independently, and outputs one FULL-COLOR image.

Key Features

- Dual-sensor, 1/2.8" Progressive Scan CMOS
- Full-Color Image Output
- Up to 1920 × 1080 resolution
- Min. illumination:
  Color: 0.001 Lux @(F1.5, AGC ON)
  B/W: 0.0001 Lux @(F1.5, AGC ON)
  0 Lux with supplement light
- 25× optical zoom, 16×digital zoom
- 120 dB WDR, 3D DNR, HLC, BLC
- 24 VAC
- Support up to 500 m laser distance
- Support H.265+/H.265 video compression
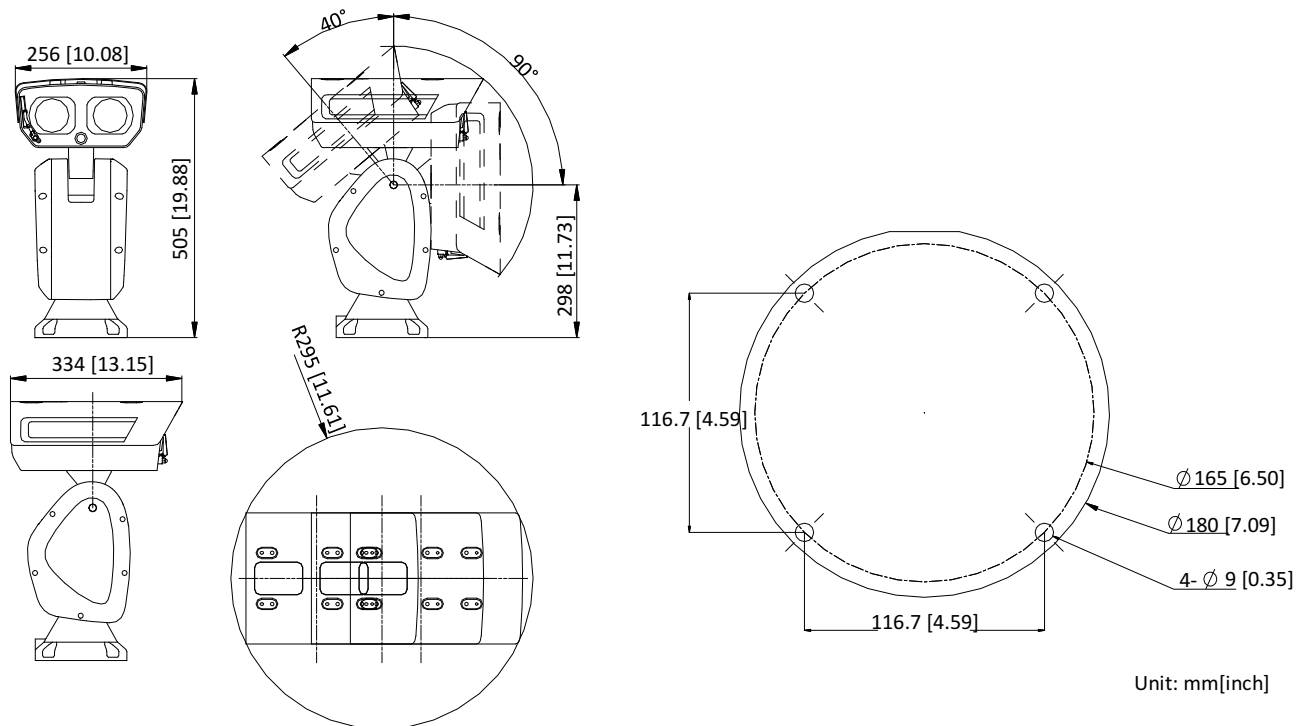- Auto wiper
- IP66

Specification

Camera Module	
Image Sensor	Two 1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.001 Lux @(F1.5, AGC ON) B/W: 0.0001 Lux @(F1.5, AGC ON) 0 Lux with supplement light
White Balance	Auto/Manual/ATW (Auto-tracing White Balance)/ Indoor/Outdoor/Fluorescent lamp/Sodium lamp
Gain	Auto/Manual
Shutter Time	1/1 s to 1/30,000 s
Digital Zoom	16×
Privacy Mask	24 programmable privacy masks
Focus Mode	Auto/Semi-automatic/Manual
WDR	120 dB WDR
Day & Night	Controlled by dual-sensor
Lens	
Focal Length	4.8 mm to 120 mm, 25× optical zoom
Zoom Speed	Approx. 4.0 s (optical lens, wide-tele)
FOV	Horizontal field of view: 58.2° to 3.2° (wide-tele) Vertical field of view: 32.7° to 1.8° (wide-tele) Diagonal field of view: 66.8° to 3.7° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.5 to F3.5
PTZ	
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 100°/s, Preset Speed: 100°/s
Movement Range (Tilt)	From -90° to 40°
Tilt Speed	Configurable, from 0.1°/s to 40°/s, Preset Speed: 40°/s
Proportional Zoom	Support
Presets	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
Power-off Memory	Support
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
3D Positioning	Support
PTZ Position Display	ON/OFF
Preset Freezing	Support
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
Compression Standard	
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
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Support
H.265 Type	Main Profile
H.265+	Support
Video Bitrate	32 kbps to 16384 kbps
Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
Audio Bitrate	G.711alaw/G.711ulaw: 64 Kbps G.722.1/G.726: 16 Kbps MP2L2: 32 Kbps to 160 Kbps
Smart Feature	
Basic Event Detection	Motion Detection, Video Tampering Detection, Alarm Input, Alarm Output, Exception
Smart Detection	Face Detection, Audio Exception Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection

ROI encoding	Main stream, sub-stream and third stream respectively support eight fixed areas.
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA
Supplement Light	
Laser Distance	500 m
Smart Supplement Light	Support
Image	
Max. 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)
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus
SVC	Support
Network	
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR
Alarm Linkage	Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc.
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour
API	Open-ended, support ONVIF and CGI, support HIKVISION SDK and Third-Party Management Platform
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect
Web Browser	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
Interface	
Audio	1-ch audio input/1-ch audio output
Network Interface	1 RJ45 10 M/100 M Ethernet Interface
Alarm	7-ch alarm input/2-ch alarm output
RS-485	Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive
BNC	1.0 V [p-p]/75 Ω, NTSC (or PAL) composite, BNC
General	
Power	24 VAC±25%, Max.: 120 W
Working Environment	Temperature: Outdoor: -40°C to 70°C (-40°F to 158°F), Humidity: ≤ 90%
Protection Level	IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Wiper	Auto/Manual
Material	Aluminum alloy, ADC12
Dimensions	256 mm × 334 mm × 505 mm (10.08" × 13.15" × 19.88")
Weight	Approx. 17 Kg (37.5 lb.)

Available Model

DS-2DY9225I5H-A   (C), 24 VAC

Dimensions

256 [10.08]

505 [19.88]

334 [13.15]

40°

90°

298 [11.73]

R295 [11.61]

116.7 [4.59]

116.7 [4.59]

⌀ 165 [6.50]

⌀ 180 [7.09]

4- ⌀ 9 [0.35]

Unit: mm[inch]

Accessories

Distributed by

DS-1693ZJ   Wall Mounting Bracket