

DS-2DY9250IAX-A (D) 2MP 50× Laser Network Positioning System







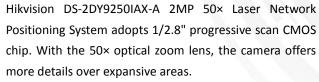












This series of cameras can be widely used for wide ranges of high-definition, such as the rivers, forests, roads, railways, airports, ports, squares, parks, scenic spots, stations and large venues, etc.



Key Features

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. illumination: Color: 0.01 Lux @(F1.8, AGC ON)
 B/W: 0.001 Lux @(F1.8, AGC ON)
 0 Lux with laser
- 50 × optical zoom, 16 × digital zoom
- 120 dB WDR, 3D DNR, HLC, BLC, EIS, OIS
- Optical defog
- 24 VAC
- Support up to 1000 m laser distance
- Support H.265+/H.265 video compression
- Rain-sensing auto wiper





Specification

Camera Module	2MP 50× Laser Network Positioning System			
Image Sensor	1/2.8" progressive scan CMOS			
	Color: 0.01 Lux @(F1.8, AGC ON)			
Min. Illumination	B/W: 0.001 Lux @(F1.8, AGC ON)			
	0 Lux with laser			
1441: B. I	Auto/Manual/ATW (Auto-tracing White Balance)/ Indoor/Outdoor/Fluorescent			
White Balance	lamp/Sodium lamp			
AGC	Auto/Manual			
Shutter Time	1/1 s to 1/30,000 s			
Day & Night	IR Cut Filter			
Digital Zoom	16×			
Privacy Mask	24 programmable polygon privacy masks, mask color or mosaic configurable			
Focus Mode	Auto/Semi-automatic/Manual			
WDR	120 dB WDR			
Lens				
Focal Length	6.6 mm to 330 mm, 50× Optical			
Zoom Speed	Approx. 4.5 s (optical lens, wide-tele)			
·	Horizontal field of view: 43.4° to 1.2° (wide-tele)			
FOV	Vertical field of view: 25.2° to 0.6° (wide-tele)			
	Diagonal field of view: 49.1° to 1.3° (wide-tele)			
Working Distance	10 mm to 1500 mm (wide-tele)			
Aperture Range	F1.8 to F5.5			
PTZ				
Movement Range (Pan)	360° endless			
Pan Speed	Configurable, from 0.1°/s to 100°/s, Preset Speed: 50°/s			
Movement Range (Tilt)	From -90° to 40° (auto-flip)			
Tilt Speed	Configurable, from 0.1°/s to 50°/s, Preset Speed: 100°/s			
Proportional Zoom	Yes			
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	Yes			
•	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame			
Park Action	Scan/Panorama Scan			
PTZ Position Display	ON/OFF			
Preset Freezing	Yes			
	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame			
Scheduled Task	Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output			
Compression Standard				
	Main Stream: H.265+/H.265/H.264+/H.264			
Video Compression	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+	Yes			
H.265 Type	Main Profile			
H.265+	Yes			
Video Bitrate	256 kbps to 16384 kbps			
Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM			
Audio Bitrate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)			
Smart Feature				
Smart Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Audio Exception 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			



Laser				
Laser Distance	Up to 1000 m			
Smart Supplement Light	Yes			
Image				
Max. Resolution	1920 × 1080			
	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)			
Main Stream	50fps (1920 × 1080, 1280 × 960, 1280 × 720)			
	60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)			
	60fps (1920 × 1080, 1280 × 960, 1280 × 720)			
Cook Characan	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288)			
Sub-Stream	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/OIS/Regional Exposure/Regional Focus			
SVC	Yes			
Network				
	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/			
Network Storage	CIFS), ANR			
	Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record,			
Alarm Linkage	Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send			
, warm zimage	Email, etc.			
	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP,			
Protocols	RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour			
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK			
Simultaneous Live View	Up to 20 channels			
	Up to 32 users.			
User/Host	3 levels: Administrator, Operator and User			
	User authentication (ID and PW), Host authentication (MAC address); HTTPS			
Security Measures	encryption; IEEE 802.1x port-based network access control; IP address filtering			
Client	iVMS-4200, iVMS-5200			
Web Browser	IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+			
Interface	The starting of the start, the low sold of Lage 10.10253 () data in 11.			
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	1.0 V [p-p]/ /3 12, W13C (011 AL) Composite, BIVC			
General	22			
	32 languages.			
Language (Web Browser	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak,			
Access)	French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian,			
	Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai,			
	Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)			
Power	24 VAC. Max. 110 W, including max. 30 W for laser and max. 34.8 W for heater			
Working Environment	Temperature: Outdoor: -40°C to 70°C (-40°F to 158°F)			
	Humidity: ≤ 95%			
Protection Level	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient			
	Protection			
Wiper	Yes. Rain-sensing auto wiper			
Material	Aluminum alloy ADC12			
Dimensions	256 mm × 334 mm × 505 mm (10.1" × 13.1" × 19.9")			
Weight	Approx. 17 kg (37.5 lb)			



DORI

The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view.

It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

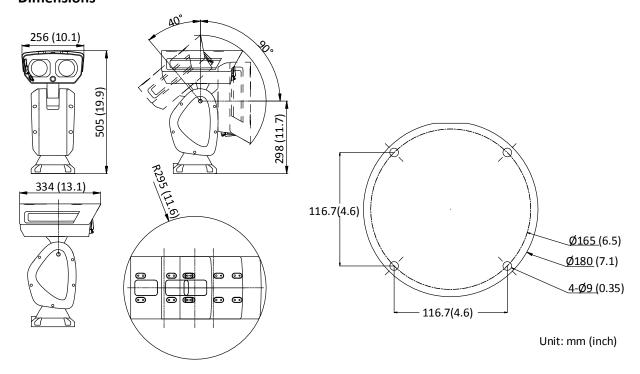
DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	4137.9 m (13575.9 ft)	1642 m (5387.3 ft)	827.6 m (2715.2 ft)	413.8 m (1357.6 ft)

Order Model

DS-2DY9250IAX-A (D), 24 VAC

*You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing.

Dimensions



Accessory Optional:



DS-1693ZJ Wall Mount



MKAC-96-248000V (UK) MKAC-96-248000V (EU) MKAC-96-248000U (US) Power Adapter





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