

## DS-2DY5223IW-AE 2 MP 23 × DarkFighter IR Network Positioning System



Hikvision darkfighter series DS-2DY5223IW-AE IR Network Positioning System is able to capture high quality images in dim light environment. Embedded with 1/1.9" progressive scan CMOS chip makes true WDR and 2MP real-time resolution possible. With the 23 × optical zoom Day/Night lens, the positioning system offers more details over expansive areas.

Hikvision darkfighter series DS-2DY5223IW-AE Network Positioning System also features Smart Defog and EIS (Electronic Image Stabilization), which can further supported to improve image quality in challenging conditions.

- High quality imaging with 2 MP resolution
- Excellent low-light performance via DarkFighter technology
- Covering a vertical area with tilt angle from -90° to 90°
- 23 × optical zoom provides close up views over expansive areas

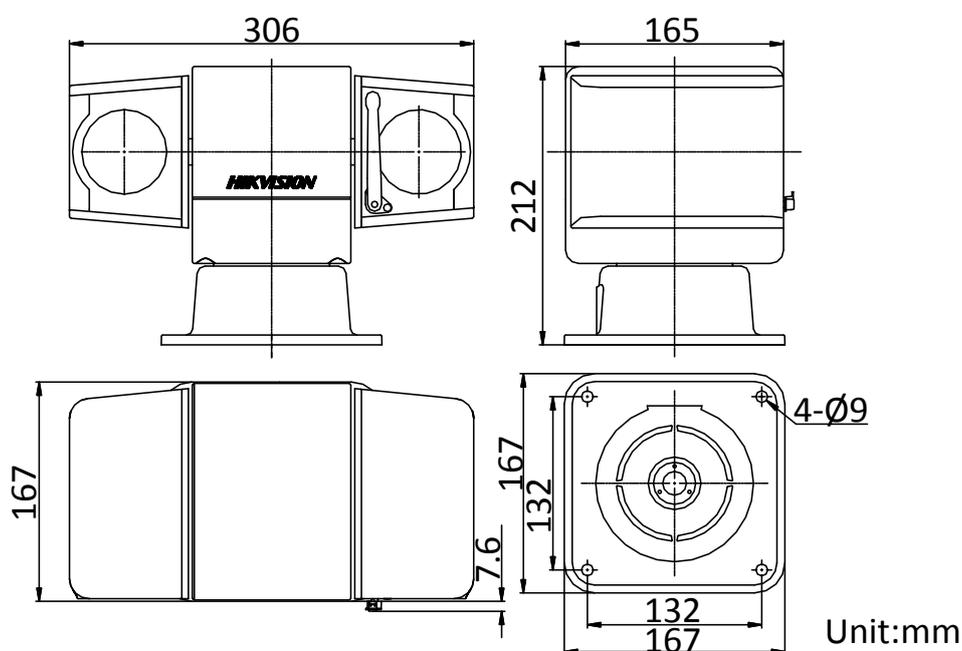


## ▪ Specification

<b>Lens</b>	
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.5 to F3.4
Focal Length	5.9-135.7mm, 23 ×
Field of View	59.8°-3.0°(Wide-Tele)
<b>Image</b>	
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)
SVC	Yes
<b>Network</b>	
Protocols	IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTP,TCP,UDP,IGMP,ICMP,DHCP,PPPoE
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 levels: Administrator, Operator and User
Alarm	7-ch alarm input/2-ch alarm output
<b>Interface</b>	
Audio Input	1-ch audio input
Audio Output	1-ch audio output
Network Interface	1 RJ45 10 M/100 M Ethernet Interface
RS-485	Half duplex, HIKVISION, Pelco-P, Pelco-D, self-Adaptive
CVBS	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
<b>Compression Standard</b>	
H.264+	Yes
H.265+	Yes
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
<b>IR</b>	
IR Distance	150 m
Smart IR	Yes
IR Intensity	Automatically adjusted, depending on the zoom ratio
<b>Smart Feature</b>	
Event Detection	Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection
ROI	Support 12 areas with adjustable levels
<b>Camera Module</b>	
3D DNR	Yes
Image Sensor	1/1.9" Progressive Scan CMOS
Min. Illumination	Color : 0.002Lux @ (F1.5, AGC ON),B/W : 0.0002Lux @(F1.5, AGC ON)
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Gain	Auto/Manual
Shutter Time	1/1 s to 1/10,000 s
Day & Night	ICR
Digital Zoom	16 ×
Privacy Mask	Yes
Focus Mode	Auto/Semi-automatic/Manual
WDR	true WDR
BLC	Yes
Defog	Yes
<b>PTZ</b>	
Movement Range (Pan)	360° endless
Pan Speed	0.1°/s to 200°/s
Movement Range (Tilt)	From -90° to 90°
Tilt Speed	0.1°/s to 50°/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	support
Park Action	support
3D Positioning	Yes
PTZ Status Display	Yes
Preset Freezing	Yes
<b>General</b>	
Dimensions	306 mm × 167 mm × 212 mm
Weight	Approx. 7.8 kg
Protection Level	IP66 Standard, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Power	Hi-PoE&24 VAC, Max. 45W
Working Environment	- 40°C to 65°C (-22°F to 149°F), Humidity: ≤ 95%

## ▪ Dimension



## ▪ Available Model

DS-2DY5223IW-AE

*\*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.*



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