

### DS-2DY5223IW-AE 2 MP 23x Compact IR Positioning System

- 2 MP, 1920 x 1080
- 23x Optical Zoom, 16x Digital Zoom
- Ultra-Low Illumination
- Low Bit Rate, True WDR, Defog, Smart IR
- 3-D Intelligent Positioning
- Power-Off Memory, Proportional Zoom
- Analog/Network Dual Output
- Wiper
- Up to 492 ft (150 m) IR Distance
- IP66, 24 VAC, 45 W/Hi-PoE (Injector Included)



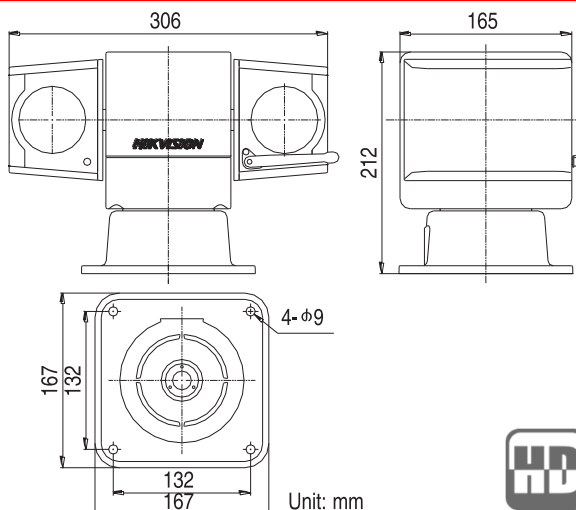
Hikvision's DarkFighter DS-2DY5223IW-AE Compact IR Positioning System is able to capture high quality images in dim light environments. The embedded 1/1.9" progressive scan CMOS sensor makes true WDR and 2 MP real-time resolution possible. With the 23x optical zoom Day/Night lens, the positioning

system offers more details over expansive areas.

The DS-2DY5223IW-AE also features Smart defog and EIS (Electronic Image Stabilization), which can further improve image quality in challenging conditions.

**Available Models:** DS-2DY5223IW-AE

#### Dimensions



#### Accessories



DS-2DY5223IW-AE	
<b>Camera Module</b>	
Image Sensor	1/1.9" progressive scan CMOS
Maximum Image Resolution	1920 x 1080
Minimum Illumination	Color: 0.002 lux @ f/1.5, AGC on; B/W: 0.0002 lux @ f/1.5, AGC on
Day/Night	ICR
Focus Mode	Auto/semiautomatic/manual
Shutter Speed	1/1s to 1/10,000s
S/N Ratio	>52 dB
Digital Zoom	16x
White Balance	Auto/manual/ATW/indoor/outdoor/daylight lamp/sodium lamp
AGC	Auto/manual
<b>Lens</b>	
Focal Length	5.9 mm to 135.7 mm, 23x
Angle of View	59.8° to 3.0° (wide to tele)
Minimum Working Distance	10 mm to 1500 mm (wide to tele)
Aperture Range	f/1.5 to f/3.4
<b>Image</b>	
Main Stream	50 Hz: 25 fps (1920 × 1080), 25 fps (1280 × 720) 60 Hz: 30 fps (1920 × 1080), 30 fps (1280 × 720)
Sub Stream	50 Hz: 25 fps (704 × 576), 25 fps (352 × 288), 25 fps (176 × 144) 60 Hz: 30 fps (704 × 480), 30 fps (352 × 240), 30 fps (176 × 120)
Image Compression	H.264 (baseline, main, high profile)/MJPEG
Audio Compression	G.711ulaw/G.711alaw/G.726/MP2L2/G.722/PCM
SVC	Supported
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Standards	ONVIF, PSIA, CGI, Genetec
Others	Defog, EIS, privacy mask, 3D DNR, BLC, true WDR
<b>Smart Features</b>	
Smart Detection	Intrusion detection, line crossing detection, audio exception detection, region entrance detection, region exiting detection
ROI Encoding	Supports 12 areas with adjustable levels
<b>Infrared</b>	
IR Distance	Up to 492 ft (150 m)
IR Intensity	Automatically adjusted, depending on the zoom ratio
<b>Pan and Tilt</b>	
Movement Range	Pan: 360° endless, tilt: +90° to -90°
Movement Speed	Pan: 0.1° to 200°/s, tilt: 0.1° to 50°/s
Number of Presets	300
Patrols	8 patrols, up to 32 presets per patrol
Patterns	4 patterns, with the recording time not less than 10 minutes per pattern
Park	Supported
Proportional Zoom	Supported
PTZ Position Display	On/off
Simultaneous Live Views	Up to 20 users
<b>System Integration</b>	
Menu	English
3-D Positioning	Supported
Preset Freezing	Supported
Scheduled Task	Supported
Alarm I/O	7 alarm inputs, 2 alarm outputs
Ethernet	1 RJ-45 10M/100M Ethernet interface
CVBS Output	1.0 V[p-p]/75Ω, NTSC (or PAL) composite, BNC
RS-485	Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive
Onboard Storage	Built-in microSD/SDXC card slot, up to 128 GB, manual/alarm recording, ANR
Simultaneous Live Views	Up to 20
User/Host Level	Up to 32 users, 3 levels: administrator, operator, and user
<b>General</b>	
Power	Hi-PoE and 24 VAC, maximum 45 W
Working Temp./Humidity	-40° C to 65° C, humidity 90% or less
Protection Levels	IP66 standard, TVS 6,000 V lightning protection, surge protection, and voltage transient protection
Dimensions	12.05" x 6.57" x 8.35" (306 mm x 167 mm x 212 mm)
Weight (approximate)	17.2 lbs (7.8 kg)