

DS-2DY5223IW-DM

2MP 23X Mobile Ultra-low illumination IR Positioning System Lite

DARKFIGHTER



Model	DS-2DY5223IW-DM
Camera Module	
Image Sensor	1/1.9" Progressive Scan CMOS
Max. Image Resolution	1920 X 1080
Min. Illumination	Color: 0.002Lux @ (F1.5, AGC ON) B/W: 0.0002Lux @(F1.5, AGC ON)
Day & Night	ICR
Focus Mode	Auto / Semiautomatic / Manual
Shutter Time	1/1-1/10,000s
S / N Ratio	>52dB
Digital Zoom	16X
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
AGC	Auto / Manual
Lens	
Focal Length	5.9-135.7mm, 23X
Angle of View	59.8° -3.0° (Wide-Tele)
Min. Working Distance	10-1500mm(Wide-Tele)
Aperture Range	F1.5-F3.4
Image	
Main Stream	50Hz:25fps(1920×1080), 25fps(1280×720) 60Hz:30fps(1920×1080), 30fps(1280×720)
Sub Stream	50Hz:25fps(704×576), 25fps(352×288), 25fps(176×144) 60Hz:30fps(704×480), 30fps(352×240), 30fps(176×120)
Image Compression	H.265+/H.265/H.264+/H.264/MJPEG
Audio Compression	G.711ulaw/G.711alaw/G.726/MP2L2/G.722/PCM
SVC	Support
Protocols	IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTP,TCP,UDP,IGMP,ICMP,DHCP,PPPoE
Standard	ONVIF, PSIA, CGI, Genetec
Others	Defog, EIS, Privacy Mask, 3D DNR, BLC, true WDR
Smart Features	
Smart detection	Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection
ROI encoding	Support 12 areas with adjustable levels
Infrared	
IR Distance	Up to 150m
IR Intensity	Automatically adjusted, depending on the zoom ratio
Pan and Tilt	
Movement Range	Pan: 360° endless, Tilt: +90° ~-90°
Movement Speed	Pan: 0.1° -80° /s, Tilt: 0.1° -40° /s
Number of Preset	300
Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 patterns, with the recording time not less than 10 minutes per pattern
Park	Support

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Proportional Zoom	Support
PTZ Position Display	On / Off
Simultaneous Live View	Up to 20 users
System Integration	
Menu	English
3D Positioning	Support
Preset Freezing	Support
Scheduled Task	Support
Alarm I/O	7 alarm inputs, 2 alarm outputs
Ethernet	1 RJ45 10M/100M Ethernet interface
CVBS Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
RS485	Half duplex, HIKVISION, Pelco-P, Pelco-D, self-AI2daptive
Onboard Storage	Built-in Micro SD/SDXC card slot, up to 256 GB, manual/alarm recording, ANR
Number of Simultaneous Live View	Up to 20
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
General	
Power	DC12V, Max. 40W
Working Temperature/Humidity	-40° C ~ 65° C, humidity 90% or less
Protection Level	IP66 standard, TVS 6,000V lightning protection, surge protection and voltage transient protection
Dimensions(mm)	306×167×212
Weight(approx.)	7.8kg

Dimensions

