

DH-SD6A230 -HNI

2Mp Full HD Network Ultra-smart IR PTZ Dome Camera



Features

- **Powerful 30x optical zoom**
- Support Triple-streams encoding
- Max 60fps@720P and 30fps@1080P resolution
- Defog, DWDR, Day/Night(ICR), Ultra DNR, EIS, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 7/2 alarm in/out
- Support Auto tracking and IVS
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66
- IR Distance up to 150m

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Technical Specifications

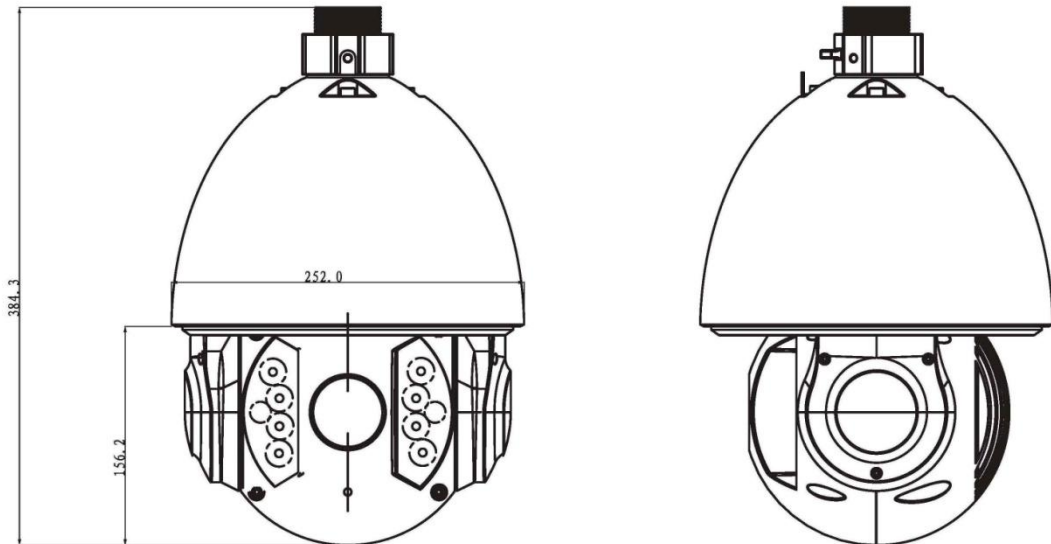
Model	DH-SD6A230-HNI
Camera	
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels	1944(H) x 1092(V), 2 Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio	More than 50dB
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Defog	On / Off
Lens	
Focal Length	4.3mm~129mm (30x Optical zoom)
Max Aperture	F1.6 ~ F4.7
Focus Control	Auto / Manual
Angle of View	H: 65.1° ~ 2.34°
Close Focus Distance	100mm~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -10° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Preset	80(DH-SD), 255(Pelco-P/D)
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period
Time Task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time
Protocol	DH-SD (Auto recognition)
IR Distance	150m (2 near IR LED+ 8 far IR LED)
Video	

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Compression		H.264 / MJPEG
Resolution		1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF (352×288/352×240)
Frame Rate	Main Stream	1080P (1 ~ 25/30fps) / 720P(1~50/60fps)
	Sub Stream1	D1/CIF(1 ~ 25/30fps)
	Sub Stream2	720P/D1/CIF(1 ~ 25/30fps)
Bit Rate		H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps
Audio		
Compression		G.711a / G.711u(32kbps)/ PCM(128kbps)
Interface		1/1 channel In/Out
Intelligent Function		
Auto Tracking		Single-scene, multiple-scene, panorama-scene
IVS (optional)		Tripwire, Cross Warning Zone, Perimeter Protection, Loitering Detection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast Moving and etc.
Tracking Trigger Mode		Manual / Auto (alarm triggered)
Tracking Trigger Event		Targeting, Zoom, Tracking, Recording, Snapshot, Alarm and etc.
Network		
Ethernet		RJ-45 (10/100Base-T)
Protocol		IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Compatibility		ONVIF PSIA CGI
Max. User Access		20 users
Smart Phone		iPhone, iPad, Android, Windows Phone
Auxiliary Interface		
Memory Slot		Micro SD, Max 64GB
Alarm		7/2 channel In/Out
General		
Power Supply		AC 24V/3A (±16%)
Power Consumption		20W, 43W (IR on, Heater on)
Working Environment		-40°C ~ 70°C / Less than 90% RH
Ingress Protection		IP66
Dimensions		Φ252(mm) x 384.3 (mm)
Weight		6.75kg

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Dimensions (mm)









Accessories

		
DH-PFB303W	DH-PFA111	Power Supply

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Accessories (Optional)

					
DH-PFB3 00C	DH-PFA112	DH-PFA113	DH- PFA120	DH-PFA150	DH-PFA151

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*Design and specifications are subject to change without notice.

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