

DH-SD50430U-HN

4 Megapixel Full HD 30x WDR Ultra-high Speed Network PTZ Dome Camera



Features

- 30x optical zoom
- Support Triple-streams encoding
- Max. 25/30fps@4M(2592×1520),50/60fps@3M/1080P resolution
- WDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 500°/s pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP67, IK10

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Technical Specifications

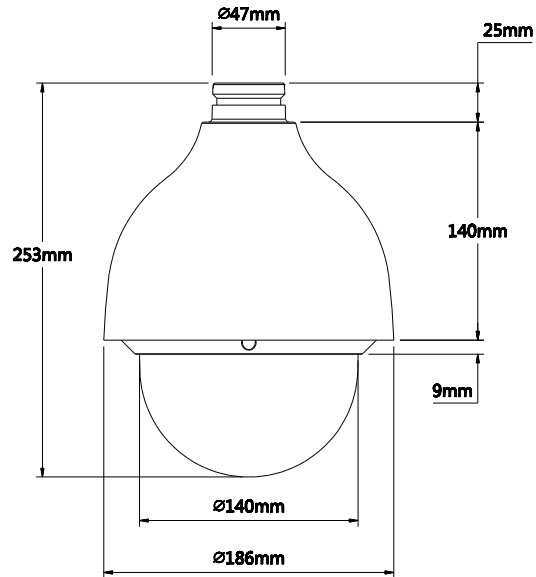
Model	DH-SD50430U-HN	
Camera		
Image Sensor	1/3" Color CMOS	
Effective Pixels	2688(H) x 1520(V)	
Scanning System	Progressive	
Electronic Shutter Speed	1/1 ~ 1/30,000s	
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6	
S/N Ratio	More than 50dB	
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC	
Camera Features		
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC / HLC / WDR (120dB)	
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	
Lens		
Focal Length	4.5mm ~ 135.0mm (30x Optical zoom)	
Max Aperture	F1.6 ~ F4.4	
Focus Control	Auto / Manual	
FOV-H	H: 60° ~ 2.2°	
Close Focus Distance	10mm~ 1500mm	
PTZ		
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°, auto flip 180°	
Manual Control Speed	Pan: 0.1° ~350° /s; Tilt: 0.1° ~250° /s	
Preset Speed	Pan: 500° /s; Tilt: 500° /s	
Preset	300(DH-SD)	
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/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period	
Protocol	DH-SD(Auto recognition)	
Video		
Compression	H.265 /H.264 / MJPEG	
Resolution	4M(2592×1520)/3M(2304×1296)/1080P(1920×1080) / 720P(1280×720) / D1(704×576/ 704×480) /CIF (352×288/352×240)	
Frame Rate	Main Stream	4M/3M(1~25/30fps)/1080P(1~50/60fps)/1.3M/720P(1~25/30fps)

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	Sub Stream 1	D1/CIF(1 ~ 25/30fps)
	Sub Stream 2	1080P /960P/720P(1 ~ 25/30fps)
Bit Rate	H.265/H.264: 192K ~ 8192Kbps, MJPEG: 192K ~ 2048Kbps	
Audio		
Compression	G.711a / G.711Mu(32kbps)/ PCM(128kbps)	
Interface	1/1 channel In/Out	
Intelligent Function		
IVS (optional)	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection	
Face Detection	Support	
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,	
Compatibility	ONVIF PSIA CGI	
Max. User Access	20 users	
Smart Phone	iPhone, iPad, Android, Windows Phone	
Auxiliary Interface		
Memory Slot	Micro SD, Max 128GB	
Alarm	2/1 channel In/Out	
General		
Power Supply	AC24V/1.5A ($\pm 10\%$), POE plus (802.3at)	
Power Consumption	Outdoor: 13W, 23W (Heater on)	
Working Environment	Outdoor: -40°C ~ 60°C / Less than 90% RH	
Ingress Protection	IP67, IK10	
Dimensions	Φ186.0(mm) x 253(mm)	
Weight	2.5kg	

DH-SD50430U-HN

Dimensions (mm)



Accessories

		
DH-PFB300S	DH-PFA110	Power Supply

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Accessories (Optional)

					
DH-PFB 300C	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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