

DH-SD50430U-HN

4Mp 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

DH-SD50430U-HN

Technical Specifications

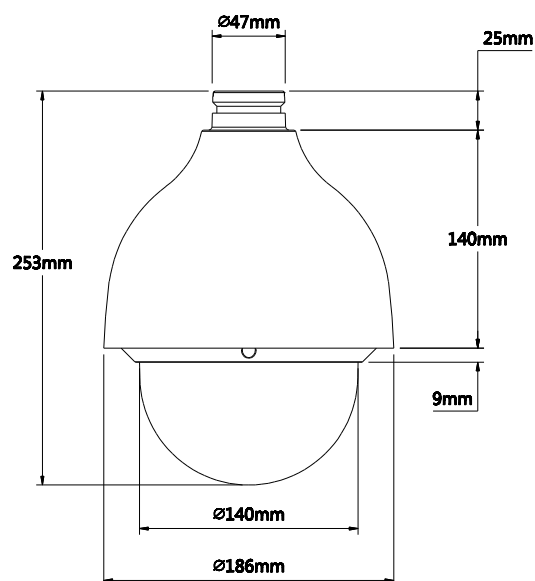
Model		DH-SD50430U-HN
Camera		
Image Sensor		1/3" Color CMOS
Effective Pixels		2688(H) x 1520(V)
Scanning System		Progressive
Electronic Shutter Speed		1/1 ~ 1/30,000s
Min. Illumination		Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio		More than 50dB
Video Output		BNC(1.0Vp-p/75Ω), PAL / NTSC
Camera 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
Angle of View		H: 60° ~ 2.40°
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 64GB
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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