

DH-SD6980/80C/81/81B/81C-HN

1.3Mp HD Network IR PTZ Dome Camera

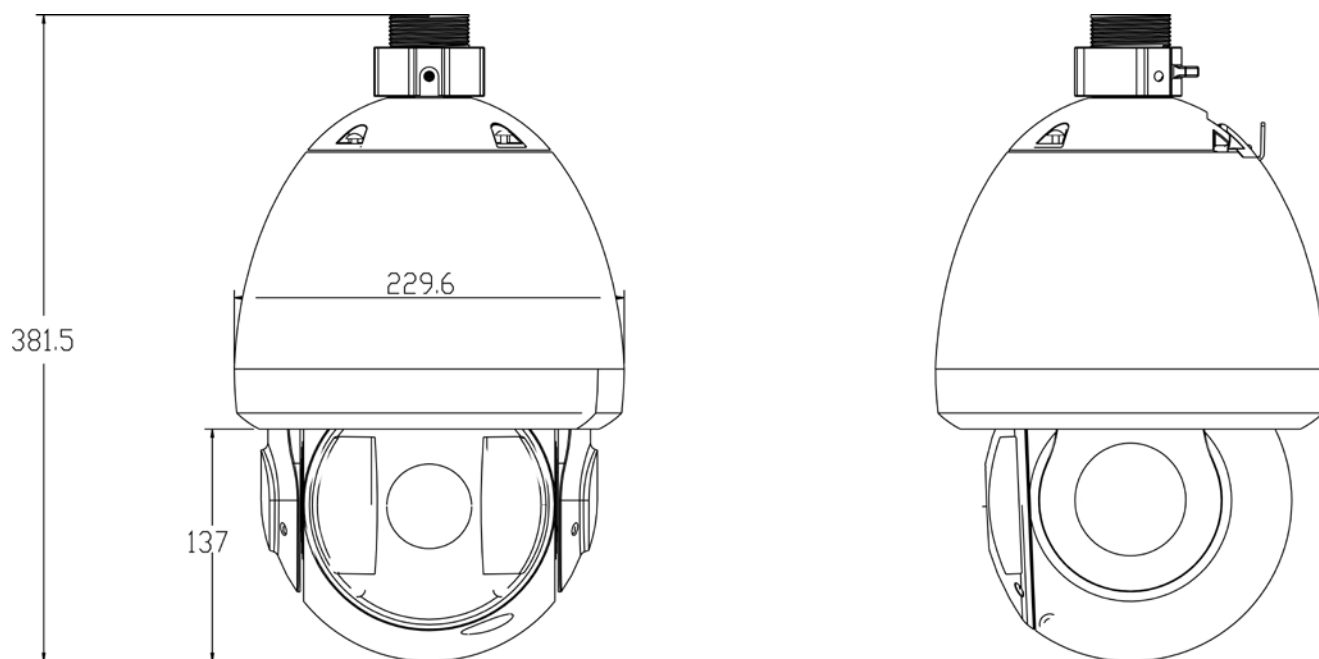


Features

- 18x / 28x / 30x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max.25/30fps@1.3M(1280×960) & 720P resolution
- WDR, Day/Night(ICR), DNR (2D&3D),Auto iris, Auto focus, AWB, AGC,BLC
- 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 intelligent 3D positioning with DH-SD protocol
- SD memory, IP66
- IR LEDs up to 100m

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Dimensions (mm)



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Technical Specifications

Model	SD6980-HN	SD6980C-HN	SD6981-HN	SD6981B-HN	SD6981C-HN
Camera					
Image Sensor	1/3" CCD	1/3" CMOS	1/3" CCD	1/4" CMOS	1/3" CCD
Effective Pixels	1280(H) x 960(V)				
Scanning System	Progressive				
Electronic Shutter Speed	PAL:1/3~1/10000s NTSC:1/4~1/10000s	PAL/ NTSC: 1/1~1/10000s	PAL:1/3~1/10000s NTSC:1/4~1/10000s	PAL/ NTSC: 1/1~1/10000s	PAL:1/3~1/10000s NTSC:1/4~1/10000s
Min. Illumination	Color: 0.1Lux/F1.6 B/W: 0.01Lux/F1.6	Color: 0.05Lux/F1.6 B/W: 0.005Lux/F1.6	Color: 0.5Lux/F1.6 B/W: 0.02Lux/F1.6	Color: 0.25Lux/F1.35 B/W: 0.03Lux/F1.35	Color: 0.1Lux B/W: 0.005Lux
S/N Ratio	More than 50dB				
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC				
Camera Features					
Max. IR LEDs Length	100m				
Day/Night	Auto(ICR) / Color / B/W				
Backlight Compensation	BLC / HLC	BLC / HLC / WDR			
White Balance	Auto, ATW, Indoor, Outdoor, Manual				
Gain Control	Auto / Manual				
Noise Reduction	2D / 3D				
Privacy Masking	Up to 24 areas				
Digital Zoom	16x		12x		2x
Lens					
Focal Length	4.7mm ~ 84.6mm (18x Optical zoom)			3.5mm~98.0 mm (28x Optical zoom)	4.4mm~132mm (30x Optical zoom)
Max Aperture	F1.6~F2.7		F1.6~F2.8	F1.35 ~ F3.7	F1.4~ F4.6
Focus Control	Auto / Manual / One shot				
Angle of View	H: 55.2°~3.2°			H: 55.9°~2.1°	H: 30.5°~ 1.82°
Close Focus Distance	100mm(wide) ~ 1500mm(Tele)			10mm(wide) ~ 1500mm(Tele)	-
PTZ					
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°				
Manual Control Speed	Pan: 0.1° ~160° /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				

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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				
Time Task		Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time				
Protocol		DH-SD, Pelco-P/D (Auto recognition)				
Video						
Compression		H.264 / MJPEG				
Resolution		1.3M(1280×960) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)				
Frame Rate	Main Stream	1.3M (1~15fps), 720P (1 ~ 25/30fps)	1.3M (1~25/30fps), 720P (1 ~ 25/30fps)	1.3M (1~15fps), 720P (1 ~ 25/30fps)	1.3M (1~25/30fps), 720P (1 ~ 25/30fps)	720P (1 ~ 25/30fps)
	Sub Stream	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				
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				
ONVIF		ONVIF Ver. 2.0 conformance				
Max. User Access		20 users				
Smart Phone		iPhone, iPad, Android, Windows Phone				
Auxiliary Interface						
Memory Slot		Micro SD, Max 32GB				
RS485		1				
Alarm		7/2 channel In/Out				
General						
Power Supply		AC 24V/3A (±10%) / DC12V optional				
Power Consumption		17W, 35W(IR on, Heater on)				
Working Temperature		-40℃ ~ 60℃ / Less than 90% RH				
Ingress Protection		IP66				
Dimensions		Φ229.6(mm) x381.5(mm)				
Weight		7.0kg				

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*Design and specifications are subject to change without notice.

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