

# PRODUCT SPECIFICATIONS

## DH-SD6983A-HN

### 3Mp Full HD Network IR PTZ Dome Camera



#### Features

- 4.7mm ~ 94.0mm(20x)optical zoom
- H.264 & MJPEG dual-stream encoding and JPEG image capture
- Max 15fps@3Mp, 25/30Fps@1080p resolution
- 100db 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
- Micro SD Memory, IP66
- IR LEDs up to 100m

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## Technical Specifications

<b>Model</b>	<b>DH-SD6582C-HN</b>
<b>Camera</b>	
Image Sensor	1/3" Exmor CMOS
Effective Pixels	2048(H) x 1536(V), 3 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
<b>Camera Features</b>	
Max.IR LEDs Length	100m
Day/Night	Auto(ICR) / Color / B/W
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D / 3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
<b>Lens</b>	
Focal Length	4.7mm ~ 94.0mm(20x Optical zoom)
Max Aperture	F1.6 ~ F35
Focus Control	Auto / Manual
Angle of View	H58.2° ~ 2.9°
Close Focus Distance	10mm ~ 1000mm
<b>PTZ</b>	
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)	
<b>Video</b>		
Compression	H.264 / MJPEG	
Resolution	3MP(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240)	
Frame Rate	Main Stream	3MP(1~15Fps) / 1080P/720P(1~25/30fps)
	Sub Stream	D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps	
<b>Audio</b>		
Compression	G.711a / G.711u (32kbps) / PCM (128kbps)	
Interface	1/1 channel In/Out	
<b>Network</b>		
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	
<b>Auxiliary Interface</b>		
Memory Slot	Micro SD, Max 32GB	
RS485	1	
Alarm	7/2 channel In/Out	
<b>General</b>		
Power Supply	AC 24V/3A (±10%) / DC12V optional	
Power Consumption	17W, 35W(Heater on)	
Working Environment	-40°C ~ 60°C / Less than 90% RH	
Protection Level	IP66	
Dimensions	Φ229.6(mm) x 381.5(mm)	

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Weight	7.0kg
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## Dimensions (mm)

