

# DH-SD65220-HN

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## 2Mp Full HD Network PTZ Dome Camera



### Features

- 20x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max 25/30fps@1080P(1920×1080) & 50/60fps@720P(1280×720)
- DWDR, Day/Night(ICR), DNR (2D&3D),Auto iris, Auto focus, AWB, AGC,BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 400 °/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, IP67, easy installation

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## Technical Specifications

<b>Model</b>	<b>DH-SD65220-HN</b>	
<b>Camera</b>		
Image Sensor	1/3" 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	
<b>Camera Features</b>		
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	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 ~ F3.5	
Focus Control	Auto / Manual	
Angle of View	H: 55.4° ~ 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° ~ 300°/s; Tilt: 0.1° ~ 250°/s	
Preset Speed	Pan: 400°/s; Tilt: 300°/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/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	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 Stream	D1/CIF(1 ~ 25/30fps)

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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%)
Power Consumption	15W, 40W(Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Protection Level	IP67, IK10 optional
Dimensions	Φ222(mm) x 322(mm)
Weight	5.0kg

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## Dimensions (mm)

