

DH-SD6580/6581-HN

1.3Megapixel HD Network PTZ Dome Camera



CAM918



Model

DH-SD6580-HN: 18x optical zoom, 1.3M CCD, 12/15fps@1.3M, 25/30fps@720P, IP67, Dahua HD Block Camera

DH-SD6581-HN: 18x optical zoom, 1.3M CCD, 12/15fps@1.3M, 25/30fps@720P, IP67, Hitachi HD Block Camera

Features

Camera & Video

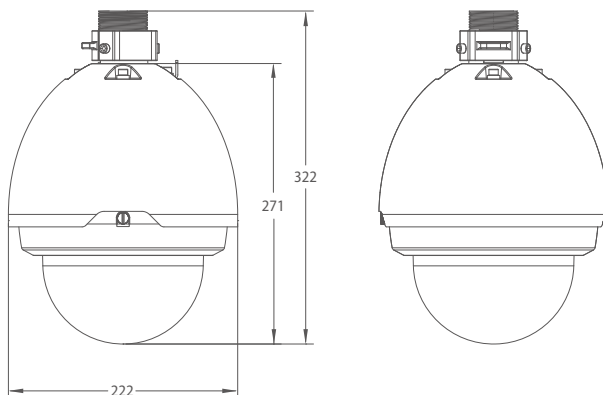
- 1/3" 1.3Megapixel SONY Progressive Scan CCD
- Powerful 18x optical zoom and 12x digital zoom
- H.264 & Dual-stream video encoding and JPEG image capture
- 12/15fps@1.3M(1280×960) & 25/30fps@720P resolution
- Day/Night(ICR), Auto iris, Auto focus, AWB, BLC
- Up to 24 privacy masking areas
- Built-in Web server, NVR, CMS(PSS/DSS) & DMSS

Dome Drive

- Max 400 °/s pan speed, 360° continuous pan rotation & auto flip with no blind spot monitor
- Up to 255 preset, 5 auto scan, 8 tour, 5 pattern
- Auto recognition of general protocols such as DH-SD, Pelco-P/D, and etc

- Speed setup according to the focal distance, auto rotation speed adjust in accordance with the lens zoom rate
- Auto restore to previous PTZ and lens status after power failure
- Time Task: Auto activation of Preset/Scan/Tour/ Pattern by preset-time
- Idle Motion: Call preset/tour and etc operations after idle for the specified time(including the idle status after the system boots up)
- OSD and operation prompts of various languages
- Build-in 7/2 channel alarm input/output
- Intelligent 3D positioning function
- IP67 all-environments protection, 4000V thunder-proof, constant temperature automatic control & anti-fog
- Easy installation with user-friendly designs

Dimensions (mm)



CAM918



Specifications

Model		DH-SD6580-HN	DH-SD6581-HN
Camera			
Image Sensor		1/3" 1.3M Progressive Scan CCD	
Effective Pixels		1296(H) x 966(V)	
Lens		18x optical zoom	
		f=4.5mm(Wide)~81mm(Tele), F1.6~F2.7	
Digital Zoom		12x	
Horizontal Viewing Angle		51.6°(Wide)~3.1°(Tele)	55.2°(Wide)~3.2°(Tele)
Min. Object Distance		10mm(wide) ~ 1000mm(Tele)	
Min. Illumination		0.1Lux/F1.6(Color), 0.01Lux/F1.6(B/W)	0.5Lux/F1.6(Color), 0.02Lux/F1.6(B/W)
Electronic Shutter		NTSC:1/4~1/10000s, PAL:1/3~1/10000s, 20level	
White Balance		Auto/ATW/Indoor/Outdoor/Manual	
BLC		ON/OFF	
WDR		/	ON/OFF
Day/Night		Auto(ICR) / Color / B/W	
S/N Ratio		More than 50 dB	
Privacy Masking		ON/OFF (up to 24 privacy masking areas)	
Analog Video Output		BNC(1.0Vp-p / 75Ω), PAL / NTSC	
Video & Audio			
Video Compression		H.264/MJPEG	
Image Resolution		1.3M(1280×960) / 720P(1280×720) / D1(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×128)	
Encoding Speed	Main Stream	PAL: 1.3M(1~12fps), 720P(1~25fps)	
		NTSC: 1.3M(1~15fps), 720P(1~30fps)	
	Extra Stream	PAL: D1/CIF/QCIF (1~25fps)	
		NTSC: D1/CIF/QCIF (1~30fps)	
Bit Rate		32K~8Mbps	
Audio Compression		G.711a(32Kbps) / AMR(10.2Kbps)	
Audio Mode		Off/Audio input/Audio output	
Dome Drive			
Pan/Tilt Range		Horizontal: 0°~360°endless, Vertical: -2°~90° auto flip 180° to continue monitor	
Manual Control Speed		Horizontal: 0.1°~300°/s, Vertical: 0.1°~150°/s	
Preset Speed		Horizontal: 400°/s, Vertical: 180°/s	
Preset		255	
PTZ Mode		5 Auto Pattern, 8 Auto Tour, 5 auto scan	
3D Positioning		Yes	
Speed Setup		Human-oriented focal Length/ speed adaptation	
Info Display		Time, Location, Dome title, Dome coordinates, Temperature, Alarm, and etc.	
Power up Action		Auto restore to previous PTZ and lens status after power failure	
Idle Motion		Activate preset/scan/tour/ patter if there is no command in the specified period.	
Time Task		Auto activation of Preset/Scan/Tour/ Pattern by preset-time	
Alarm		7/2 alarm input/output, Triggering Preset/Tour/Pattern/Scan//Alarm output	
Protocol		DH-SD, Pelco-P/D, Auto recognition of general protocols	
Network			
Ethernet		RJ-45 (10/100Base-T)	
Network Functions		IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, ONVIF	
Max Remote Users		20 Users simultaneously	
Processor		TI DaVinci Series DSP	
Operating System		Embedded LINUX	
Resource		Simultaneous remote monitoring, remote operation & local recording	
Remote Operation		Monitor, PTZ control, Voice Intercom, System setting, Playback, File download, Log information, Maintenance & Upgrade	
Local Recording		SD/SDHC, Max 32GB	
User Interface		WEB, CMS(DSS/ PSS), DMSS, NVR	
General			
Power Supply		AC 24V/3A(±10%)	
Power Consumption		12W(Indoor), 50W(Outdoor, heater on)	
Working Temperature		-40°C ~ 60°C	
Working Humidity		<90%	
Protection Level		IP67, 4000V thunder, surge and wave protection	
Dimension		Φ222(mm) x 322(mm)	
Weight		5.0kg	



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