

# DH-SD6A320/220/230-HN NEW!

## 3Mp/2Mp Full HD Network IR PTZ Dome Camera



**ONVIF**



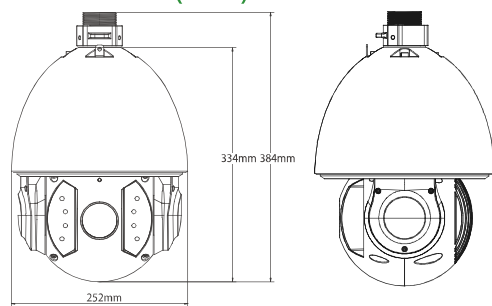
### Features

- Powerful 20x/30x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 15fps@3Mp, 25/30fps@1080p resolution(320)
- Max 25/30fps@1080p, 50/60fps@720P(220/230)
- Defog(220/230), EIS(220/230), 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 Distance up to 150m

**Optional Model:**

DH-SD6AS220-HN: FCB-EH6300, 20x, WDR

### Dimensions (mm)



### Accessories



### Accessories(optional)



### Technical Specifications

Model	DH-SD6A320-HN	DH-SD6A220-HN	DH-SD6A230-HN
<b>Camera</b>			
Image Sensor	1/3" CMOS	1/3" Exmor CMOS	
Effective Pixels	2048(H)×1536(V), 3 Megapixels	1944(H)×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 / WDR (120dB)	BLC / HLC / DWDR (Digital WDR)	
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		
Defog	N/A	On / Off	
<b>Lens</b>			
Focal Length	4.7mm~94.0mm (20x Optical zoom)		4.3mm~129mm (30x Optical zoom)
Max Aperture	F1.6~F3.5		F1.6 ~ F5.0
Focus Control	Auto / Manual		
Angle of View	H: 55.4°~2.9°		H: 58.9° ~ 2.1°
Close Focus Distance	10mm~1000mm		10mm~ 1200mm
<b>PTZ</b>			
Pan/Tilt Range	Pan: 0°~ 360°endless; Tilt: -10°~90°, auto flip 180°		
Manual Control Speed	Pan: 0.1°~200°/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		
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)		
IR Distance	150m (2near IR LED+ 8far IR LED)		
<b>Video</b>			
Compression	H.264 / MJPEG		
Resolution	3M(2048×1536)/1080P (1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)	
Frame Rate	Main Stream	3M (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, 802.1x		
ONVIF	ONVIF Profile S		
Max. User Access	20 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
<b>Auxiliary Interface</b>			
Memory Slot	Micro SD, Max 64GB		
RS485	1		
Alarm	7/2channel In/Out		
<b>General</b>			
Power Supply	AC 24V / 3A (±16%)		
Power Consumption	20W, 43W (IR on, Heater on)		
Working Environment	-40°C~70°C / Less than 90% RH		
Ingress Protection	IP66		
Dimensions	Φ252mm×384.3mm		
Weight	6.75kg		