

DH-SD65118/120/130-HN

1.3Mp HD 18x/20x/30x Network PTZ Dome Camera



Features

- Powerful 18x/20x/30x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max 30fps @1.3M(1280×960) & 60fps @720P resolution
- 120db WDR and Defog support(65130),
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- 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

DH-SD65118/120/130-HN

Technical Specifications

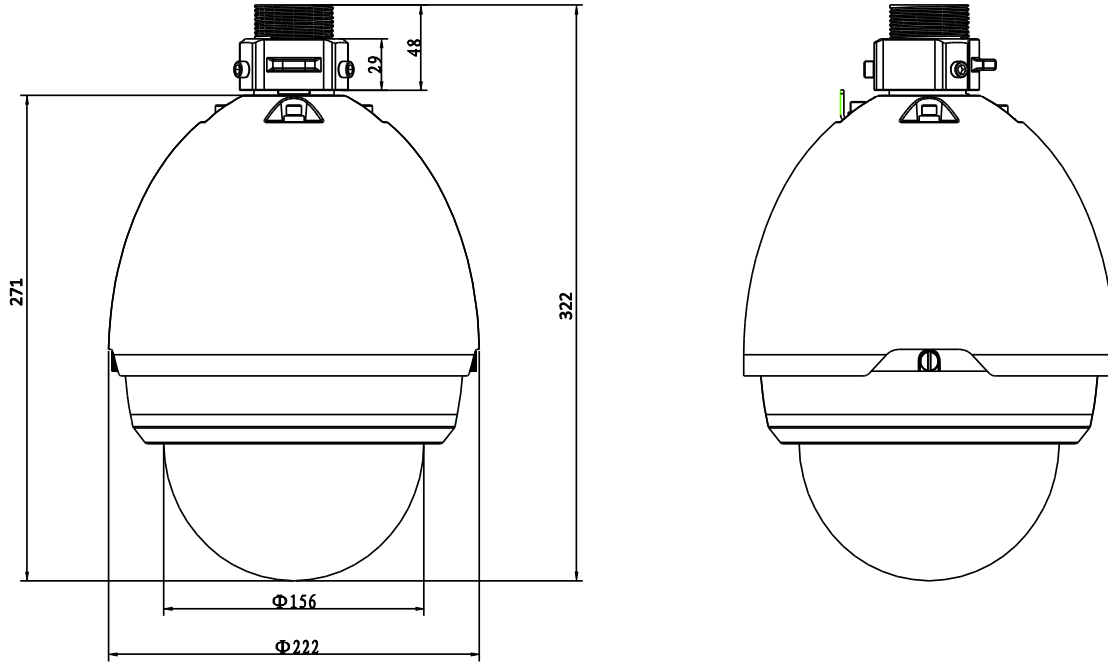
| Model | SD65118-HN | SD65120-HN | SD65130-HN |
|--------------------------|--|--|--|
| Camera | | | |
| Image Sensor | 1/3" CCD | 1/3" Exmor CMOS | |
| Effective Pixels | 1280(H) x 960(V) | | |
| Scanning System | Progressive | | |
| Electronic Shutter Speed | 1/3(4) ~ 1/10,000s | 1/1 ~ 1/30,000s | |
| Min. Illumination | Color: 0.1Lux@F1.6; B/W: 0.01Lux@F1.6 | Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4 | 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 | | |
| Camera Features | | | |
| Day/Night | Auto(ICR) / Color / B/W | | |
| Backlight Compensation | BLC / HLC / DWDR (Digital WDR) | | BLC / HLC / WDR (120dB) |
| 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 |
| Lens | | | |
| Focal Length | 4.7mm~84.6mm (18x Optical zoom) | 4.7mm~94mm (20x Optical zoom) | 4.3mm~129mm (30x Optical zoom) |
| Max Aperture | F1.6~F2.7 | F1.4 ~ F2.6 | F1.6~ F5.0 |
| Focus Control | Auto / Manual | | |
| Angle of View | H: 55.2°~3.2° | H: 56.8° ~ 3.1° | H: 65.1°~ 2.34° |
| Close Focus Distance | 100mm~1500mm | 100mm~ 1000mm | 10mm~ 1200mm |
| PTZ | | | |
| 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) | | |
| Video | | | |
| Compression | H.264 / MJPEG | | |

DH-SD65118/120/130-HN

| | | | |
|----------------------------|-------------|--|--------------------------------------|
| 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(1~50/60fps) |
| | 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 Profile S | |
| Max. User Access | | 20 users | |
| Smart Phone | | iPhone, iPad, Android, Windows Phone | |
| Auxiliary Interface | | | |
| Memory Slot | | Micro SD, Max 64GB | |
| RS485 | | 1 | |
| Alarm | | 7/2 channel In/Out | |
| General | | | |
| Power Supply | | AC 24V/3A (±10%) | |
| Power Consumption | | 15W, 40W(Heater on) | |
| Working Environment | | -40°C ~ 60°C / Less than 90% RH | |
| Ingress Protection | | IP67 | |
| Vandal Resistance | | IK10 (optional) | |
| Dimensions | | Φ222(mm) x 322 (mm) | |
| Weight | | 5.0kg | |

DH-SD65118/120/130-HN

Dimensions (mm)



Accessories

| | | |
|---|---|--|
|  |  |  |
| DH-69FB | DH-PFA111 | Power Supply |

DH-SD65118/120/130-HN

Accessories (Optional)

| | | | |
|---|---|---|---|
|  |  |  |  |
| DH-PFB300C | DH- PFB301C | DH-PFA112 | DH-PFA113 |
|  |  |  |  |
| DH-PFB301S | DH-PFA120 | DH-PFA150 | DH-PFA151 |

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*Design and specifications are subject to change without notice.

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