

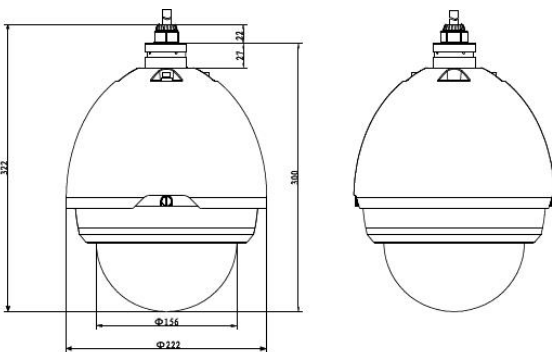
SPECIFICATION



FEATURES

- 20x optical zoom
- H.264 & MJPEG dual-streams encoding
- Max. 25/30fps@1.3M(1280x960) & 720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 300°/s pan speed
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66, IK10

DIMENSION



Camera	
Image Sensor	1/3" Exmor CMOS
Effective Pixels	1280(H) x 960(V)
Scanning System	Progressive
Electronic Shutter Speed	1/1~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.4
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)
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
Lens	
Focal Length	4.7mm~94mm(20x Optical zoom)
Max Aperture	F1.4~ F2.6
Focus Control	Auto / Manual
Angle of View	H: 112.5°~ 39°
Close Focus Distance	100mm~ 1000mm
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
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
Speed Setup	Human-oriented focal length/ speed adaptation
Protocol	DH-SD, Pelco-P/D (Auto recognition)
IR Distance	N/A
Video	
Compression	H.264 / MJPEG
Resolution	1.3M(1280×960) / 720P(1280×720) / D1(704×576 / 704×480) / CIF (352×288/352×240)
Frame Rate	Main Stream 1.3M/ 720P(1 ~ 25/30fps) Sub Stream 1 D1/CIF(1 ~ 25/30fps) Sub Stream 2 N/A
Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
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, 802.1x
Compatibility	ONVIF PSIA CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB
RS485	1
Alarm	2/1 channel In/Out
General	
Power Supply	AC 24V/3A(±10%)
Power Consumption	9.5W,21W(Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Dimensions	Φ222(mm) x322(mm)
Weight	6.8kg