

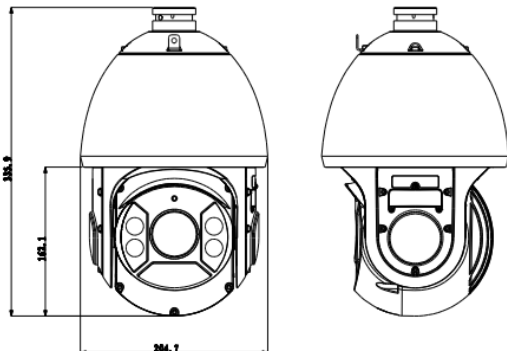
## SPECIFICATION



### FEATURES

- 20x optical zoom
- Support Triple-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 240°/s pan speed, 360° endless pan rotation
- Up to 300 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
- IR Distance up to 100m

### DIMENTION



<b>Camera</b>	
Image Sensor	1/2.8" 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@F1.6; 0Lux (IR on)
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	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16x
<b>Lens</b>	
Focal Length	4.7mm-94mm(20x Optical zoom)
Max Aperture	F1.4- F2.6
Focus Control	Auto / Manual
Angle of View	H: 54.1° ~ 3.2°
Close Focus Distance	100mm ~ 1000mm
<b>PTZ</b>	
Pan/Tilt Range	Pan: 0° ~ 360°endless;Tilt: -15° ~ 90°,auto flip 180°
Manual Control Speed	Pan: 0.1° ~ 160° /s;Tilt: 0.1° ~ 120° /s
Preset Speed	Pan:240° /s;Tilt: 200° /s
Preset	300
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	100m (2 near IR LED+ 4 far IR LED)
<b>Video</b>	
Compression	H.264 / MJPEG
Resolution	1.3M(1280x960) / 720P(1280x720) / D1(704x576/ 704x480) / CIF (352x288/352x240)
Frame Rate	Main Stream 1.3M/ 720P (1 ~ 25/30fps) Sub Stream D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
<b>Audio</b>	
Compression	G.711a / G.711u(32kbps)/ PCM(128kbps)
Interface	1/1 channel In/Out
<b>Intelligent Function</b>	
IVS	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection,
Face Detection	Support
<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
Compatibility	ONVIF PSIA CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
<b>Auxiliary Interface</b>	
Memory Slot	Micro SD, Max 128GB
RS485	1
Alarm	2/1 channel In/Out
<b>General</b>	
Power Supply	AC 24V/3A (± 10%)
Power Consumption	10.5W, 26W (IR on, Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ204.7(mm) x 359.9(mm)
Weight	5.0kg