

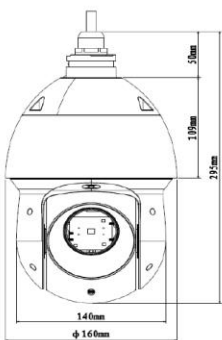
SPECIFICATION



FEATURES

- 1/2.8" 2Megapixel Exmor R CMOS
- Powerful 25x optical zoom
- Starlight technology
- Support H.265&H.264 Triple-streams encoding
- Max. 50/60fps@1080P, 25/30/50/60fps@720P
- IVS(Optional)
- Support PoE+
- IR distance up to 100m
- IP66

DIMENTION



Camera		
Image Sensor	1/2.8" Exmor R CMOS	
Effective Pixels	1920(H x 1080(V), 2 Megapixels	
Scanning System	Progressive	
RAM/ROM	1024M/128M	
Min. Illumination	Color: 0.005Lux@F1.6; 0Lux@F1.6 (IR on)	
S/N Ratio	More than 50dB	
IR Distance	Distance up to 100m (328ft)	
IR On/Off Control	Auto/Manual	
IR LEDs	6	
Lens		
Focal Length	4.8mm~120mm	
Max Aperture	F1.6 ~ F4.4	
Focus Control	Auto / Manual	
Angle of View	H: 59.2° ~ 2.4°	
Optical Zoom	25x	
Close Focus Distance	100mm~ 1000mm	
PTZ		
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 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	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/Scan/Tour/Pattern if there is no command in the specified period	
Speed Setup	Human-oriented focal Length/speed adaptation	
Protocol	DH-SIP	
Intelligence		
Auto Tracking	N/A	
IVS (optional)	Tripwire, Intrusion, Abandoned /Missing, Face Detection	
Video		
Compression	H265/H264 / MPEG	
Streaming Capability	3 Streams	
Resolution	1080P(1920*1080)/720P(1280*720)/D1(704*576/704*480) /CIF(352*288/352*240)	
Frame Rate	Main Stream	1080P/720P(1~50/60fps),
	Sub Stream 1	D1/CIF(1 ~ 25/30fps)
	Sub Stream 2	720P/D1 / CIF (1 ~ 25/30fps)
Bit Rate	H265/H264: 448K ~ 8192Kbps, MPEG: 5120K ~ 10240Kbps	
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC / HLC / WDR(120dB)	
White Balance	Auto, ATW, Indoor, Outdoor, Manual	
Gain Control	Auto / Manual	
Noise Reduction	Ultra DNR (2D/3D)	
Motion Detection	Support	
Region of Interest	Support	
EIS	N/A	
Defog	Support	
Digital Zoom	16x	
Flip	180°	
Privacy Masking	Up to 24 areas	
Audio		
Compression	G711a/G711Mu/G726/AAC	
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		
RS485	N/A	
Alarm	2/1channel In/Out	
General		
Power Supply	DC 12V/3A, PoE+(802.3at)	
Power Consumption	13W/20W (IR on)	
Working Environment	-40°C ~ 60°C / Less than 90%RH	
Ingress Protection	IP66	
Dimensions	Φ160(mm) x 295(mm)	
Weight	4kg(8.82lb)	
Certifications		
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB, ANSII C63.4- 2014 UL: UL60950-1/CAN/CSA C22.2No.60950-1	