

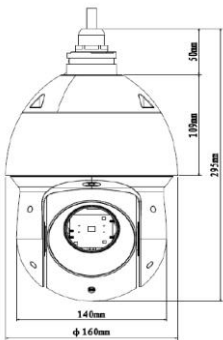
SPECIFICATION



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	H.265/H.264 / MJPEG
Streaming Capability	3 Streams
Resolution	1080P(1920x1080)/720P(1280x720)/D1(704x576/704x480)/CIF(352x288/352x240)
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	H.265/H.264: 448K ~ 8192Kbps, MJPEG: 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	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	
RS485	1
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
Vandal Resistance	N/A
Dimensions	Φ160(mm) x 295(mm)
Weight	4kg(8.82lb)