SD59120S-HN

1.3Mp HD Network IR PTZ Dome Camera

Features

- 20x optical zoom
- Support Triple-streams encoding
- Max. 25/30fps@1.3M(1280×9600) & 720P resolution
- 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 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66
- IR Distance up to 100m(AC24V)/ 80m(DC12V)

Product Specifications

SD59120S-HN

Technical Specifications

Model	SD59120S-HN
Camera	
Image Sensor	1/3" CMOS
Effective Pixels	1280(H) x 960(V), 1.3Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/3 ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4
S/N Ratio	More than 55dB
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
Lens	
Focal Length	4.7mm~94mm(20x Optical zoom)
Max Aperture	F1.4~ F2.6
Focus Control	Auto / Manual
Angle of View	54.1° ~ 3.2°
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~200° /s
Preset Speed	Pan: 400° /s; Tilt: 300° /s
Preset	300
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
IR Distance	80m (DC12V) 100m (AC24V)
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	720P/ D1/ CIF (1 ~ 25/30fps)

Product Specifications
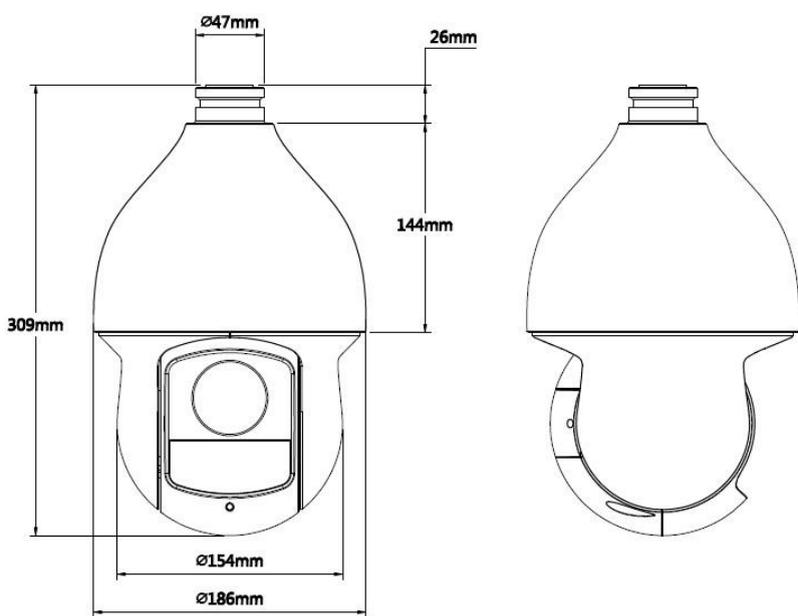
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Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
Audio	
Compression	G.711a / G.711Mu(32kbps)/ PCM(128kbps)
Interface	1/1 channel In/Out
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, 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
Alarm	2/1 channel In/Out
General	
Power Supply	AC24V/ DC12V+POE plus Optional
Power Consumption	DC12V: 13W, 20W (IR on)
	AC24V: 13W, 23W (IR on)
Working Environment	DC12V: -30ºC ~ 60ºC / Less than 90% RH
	AC24V: -40ºC ~ 70ºC / Less than 90% RH
Ingress Protection	IP66
Dimensions	Φ186.0(mm) x 309(mm)
Weight	3.5kg

Dimensions (mm)

Accessories

DH-PFB300S	DH-PFA110	Power Supply

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Accessories (Optional)

DH-PFB300C	DH-PFA112	DH-PFA113	DH-PFB301S

DH- PFA120	DH-PFA150	DH-PFA151