

## DH-SD59220T/230T-HN

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2Mp Full HD 20x/30x Network IR PTZ Dome Camera



### Features

- 20x/30x optical zoom
- Support Triple-streams encoding
- Max. 25/30fps@1080P(1920×1080) & 50/60fps@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 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, POE+
- IR Distance up to 100m(AC24V)/ 80m(DC12V)

# DH-SD59220T/230T-HN

## Technical Specifications

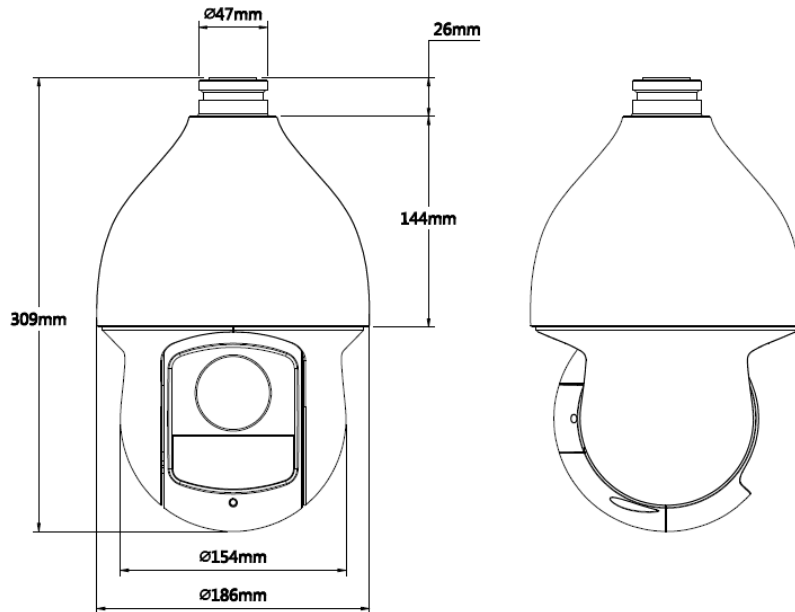
Model	DH-SD59220T-HN	DH-SD59230T-HN
<b>Camera</b>		
Image Sensor	1/2.8" CMOS	
Effective Pixels	1944(H) x 1092(V), 2Megapixels	
Scanning System	Progressive	
Electronic Shutter Speed	1/3 ~ 1/30,000s	
Min. Illumination	Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio	More than 55dB	
<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 ~ 94.0mm (20x Optical zoom)	4.5mm~135mm (30x Optical zoom)
Max Aperture	F1.4 ~ F2.6	F1.6~ F4.4
Focus Control	Auto / Manual	
Angle of View	H: 54.1° ~ 3.2°	H: 67.8° ~ 2.77°
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° ~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)	
<b>Video</b>		

## DH-SD59220T/230T-HN

Compression		H.264 / MJPEG
Resolution		1080P(1920×1080)/ 720P(1280×720) / D1(704×576/ 704×480) /CIF (352×288/352×240)
Frame Rate	Main Stream	1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps)
	Sub Stream 1	D1/CIF(1 ~ 25/30fps)
	Sub Stream 2	720P/ D1/ CIF (1 ~ 25/30fps)
Bit Rate		H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
<b>Audio</b>		
Compression		G.711a / G.711Mu(32kbps)/ PCM(128kbps)
Interface		1/1 channel In/Out
<b>Intelligent Function</b>		
IVS (optional)		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
Alarm		2/1 channel In/Out
<b>General</b>		
Power Supply		AC24V/ DC12V, POE plus(802.3at)
Power Consumption		DC12V: 13W, 20W (IR on) AC24V: 13W, 23W (IR on)
Working Environment		DC12V: -30°C ~ 60°C / Less than 90% RH AC24V: -40°C ~ 70°C / Less than 90% RH
Ingress Protection		IP66
Dimensions		Φ186.0(mm) x 309(mm)
Weight		3.5kg

# DH-SD59220T/230T-HN

## Dimensions (mm)



## Accessories

		
DH-PFB300S	DH-PFA110	Power Supply

## DH-SD59220T/230T-HN

### Accessories (Optional)

						
DH-PFB3 00C	DH-PFA112	DH-PFA113	DH-PFB301S	DH- PFA120	DH-PFA150	DH-PFA151

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\*Design and specifications are subject to change without notice.

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