

PTZ-5230IR-N

2Mp Full HD 30x Network IR PTZ Dome Camera



Features

1. 30x optical zoom
2. H.265&H.264 Encoding, Ultra-low bit rate transmission
3. Max. 25/30fps@ 4M(2592×1520) & 50/60fps@ 1080P resolution
4. WDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
5. Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
6. Max 400°/s pan speed, 360° endless pan rotation

PTZ-5230IR-N

7. Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
8. Built-in 2/1 alarm in/out
9. Support intelligent 3D positioning with DH-SD protocol
10. Micro SD memory, IP66, POE+
11. IR Distance up to 100m(AC24V)/ 80m(PoE+)

PTZ-5230IR-N



Technical Specifications

Model	DH -SD59 230U -HN
Camera	
Image Sensor	1/2.8"Color CMOS
Effective Pixels	1920(H) x 1080(V) 2Mp
Scanning System	Progressive
Electronic Shutter Speed	1/3 ~ 1/ 30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio	More than 55dB
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / 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	4.5mm ~ 135.0mm (30x Optical zoom)
Max Aperture	F1.6~F4.4
Focus Control	Auto / Manual
Angle of View	H: 60° ~ 2.40°
Close Focus Distance	100mm~ 1500mm
PTZ	

PTZ-5230IR-N

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 (PoE+) 100m (AC24V)	
Video		
Compression	H.265 /H.264 / M JPEG	
Resolution	2M(1920×1080)/1.3M(1280×960)/720P(1280×720) / D1(704×576/704×480) / CIF	
Frame Rate	Main Stream	1080P(1~50/60fps)/1.3M/720P(1~25/30fps)
	Sub Stream 1	D1/CIF(1 ~ 25/30fps)
	Sub Stream 2	1080P /960P/720P(1 ~ 25/30fps)
Bit Rate	H.265/H.264: 192 K ~ 8192Kbps, MJPEG: 192 K ~ 2048Kbps	
Audio		
Compression	G.711a / G.711 Mu(32kbps)/ PCM (128kbps)	
Interface	1/1 channel In/Out	
Intelligent Function		
IVS	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection	
Face Detection	Support	
Network		
Ethernet	RJ-45 (10/100Base -T)	

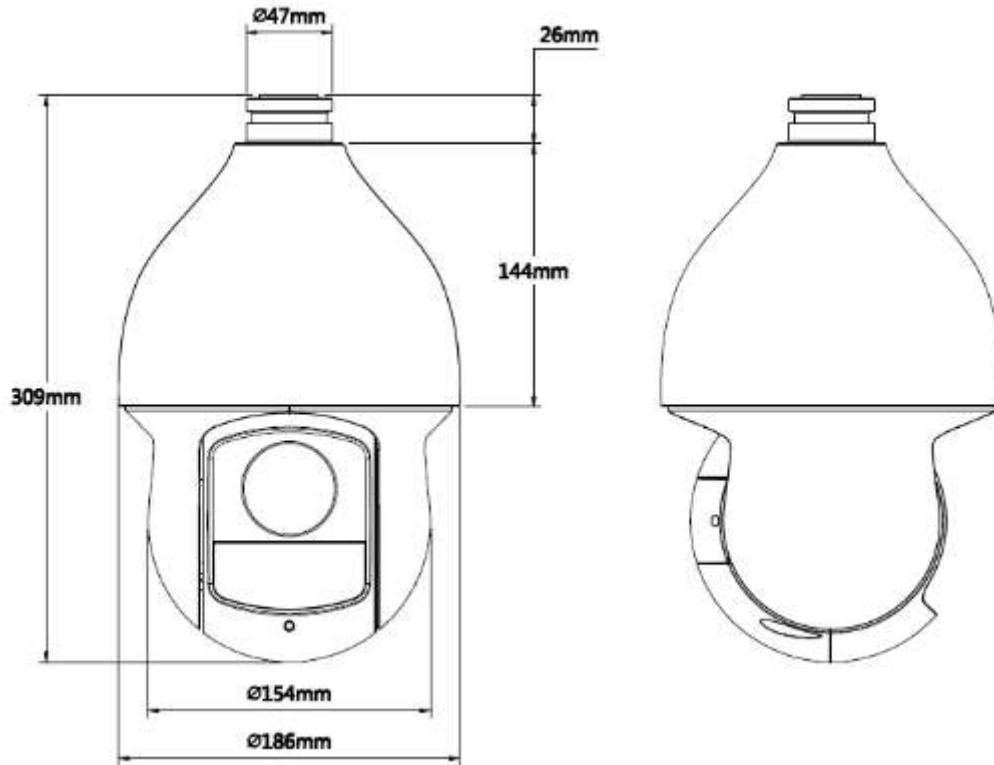
PTZ-5230IR-N



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 128GB
Alarm	2/1 channel I n/Out
General	
Power Supply	AC24V, POE + (802.3at)
Power Consumption	PoE: 13W, 20W (IR on) AC24V: 13W, 23W (IR on)
Working Environment	PoE: -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

PTZ-5230IR-N

Dimensions (mm)



Accessories

		
DH-PFB300S	DH-PFA110	Power Supply

PTZ-5230IR-N

Accessories (Optional)

						
DH-PFB300C	DH-PFA112	DH-PFA113	DH-PFB301S	DH-PFA120	DH-PFA150	DH-PFA151

Dahua Technology Co., Ltd.

1199 BinAn Road, Binjiang District, Hangzhou, China

Tel: +86 -571-87688883

Fax: +86 -571-87688815

Email: overseas@dahuatech.com

www.dahuasecurity.com

*Design and specifications are subject to change without notice.