



Features

- Powerful 12x optical zoom
- Support dual-streams encoding
- Max. 25/30fps@1080P(1920x1080) & 50/60fps@720P resolution
- WDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Max 300°/s pan speed, 360° continuous 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
- IP66, IK10(optional), POE+

Technical Specifications

Camera

Image Sensor	1/2.8" CMOS
Effective Pixels	1944(H) x 1092(V), 2 Megapixels
Horizontal Resolution	>1000TVL
Scanning System	Progressive
Electronic Shutter Speed	1/3s ~1/30,000s
Min. Illumination	Color: 0.05 Lux/F1.6, B/W: 0.005Lux/F1.6
S/N Ratio	More than 55dB

FOV-H	H: 59.3° ~ 5.2°
Close Focus Distance	100mm~1000mm

Camera Features

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	2D / 3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x

PTZ

Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~ 300°/s; Tilt: 0.1° ~ 120°/s
Preset Speed	Pan: 300°/s; Tilt:200°/s
Preset	300(DH-SD)
PTZ Mode	5 Pattern, 8 Tour, 5 Auto Scan, Auto Pan
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

Lens

Focal Length	5.1 mm~61.2mm (12x Optical zoom)
Max Aperture	F1.6~ F3.0
Focus Control	Auto / Manual

Video

Compression	H.264 / MJPEG	
Resolution	1080P(1920x 1080) / 720P(1280x 720) / D1(704x 576/ 704x 480) / CIF (352x 288/352x 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: 56K ~ 20480Kbps	

Technical Specifications

Audio

Compression	G.711a / G.711u (32kbps) / PCM (128kbps)
Interface	1/1 channel In/Out

Intelligent Function

IVS (optional)	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection
Face Detection	Support

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
Compatibility	ONVIF PSIA CGI
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone

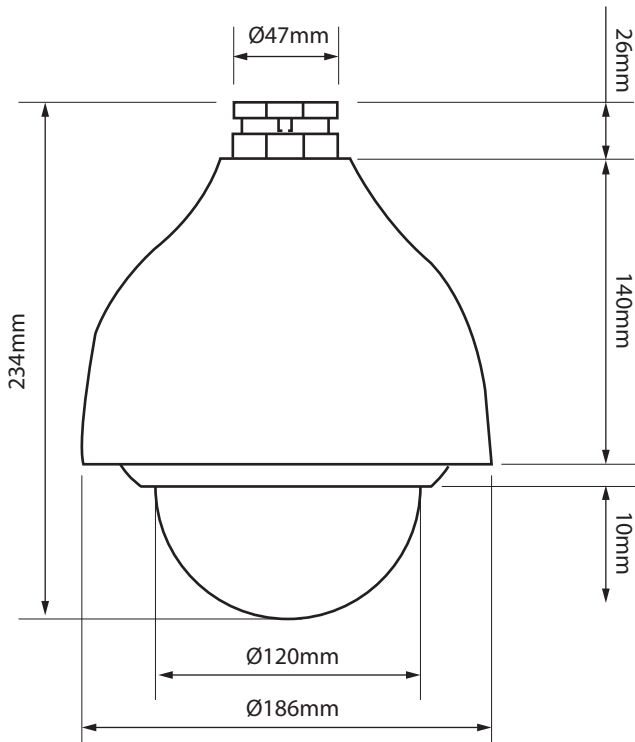
General

Power Supply	AC24V/1.5A (± 10%), POE plus (802.3at)
Power Consumption	12W, 22W(Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	IK10 (optional)
Dimensions	Φ186mm x 234mm
Weight	2.3Kg

Auxiliary Interface

Memory Slot	Micro SD, Max 128GB
RS485	N/A
Alarm	2/1 channel In/Out

Dimensions (mm)



Accessories



Wall Mount



Mount Adapter



Power Supply

Mailing Address

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