

RF4204IRT-C

2MP Full-HD IR PTZ Dome Camera with PTZ Auto-Tracking

- 30x Optical Zoom, low light technology with Starvis CMOS sensor
- H.265, H.264 & MJPEG triple-video-stream, two way Audio
- Up to 25fps@1080p (1920x1080) – up to 50fps@720p
- Micro SD memory interface, IR distance up to 150m
- Controlling Pan/Tilt Speed while zooming
- Endless pan rotation and up to 400° speed in preset mode
- 300x Preset Positions, 8x Guard Tours with up to 32 steps
- 5x Auto Scan with speed, left and right pan setting, Auto Run feature
- IP66 Water Protection / support PoE+



Specifications

CAMERA		
Image Sensor	1/2.8" Sony Starvis CMOS	
Effective Pixels	1920(H) X 1080(V) 2MP	
Scanning System	Progressive scanning	
Electronic Shutter Speed	1/1 ~ 1/30.000s	
Minimum Illumination	Color: 0.005 Lux, F1.6 B:W: IR LED On: 0 Lux, F1.6	
S/N Ratio	Better than 55dB	
CAMERA FEATURES		
White Balance	Auto, ATW, Manual, Indoor, Outdoor,	
Gain Control	Auto / Manual (configurable Gain level 1-3)	
Day/Night	Auto / Manual (configurable switching threshold 1-8) - removable IR Cut Filter	
Backlight Compensation	BLC On/Off	
Wide Dynamic Range	Extended WDR up to 120dB	
DSS (Sens-up)	Configurable digital slow shutter 1/1 ~ 1/25	
Image Settings	Configurable hue, contrast, saturation, gamma,	
Ultra Noise Reduction	2D / 3D selectable with configurable level	
Electronic Image Stabilization (EIS)	Support Electronic Image Stabilization	
Region of Interest	Setup of 4 ROI with better image quality setting as for the remain video image	
Privacy Masking	Up to 24 configurable regions to hidden areas. Dynamic display position and size to cover continually same area independent from actual P/T/Z position.	
LENS		
Focal Length	4.5mm(w) ~ 135mm(t)	
Max Aperture	F1.6(w) ~ F4.7(t)	
Zoom Range	30x optical zoom /16x digital zoom	
Focus Control	Auto / Manual	
Angle of View	Horizontal: 67.8°~ 2.3°	
Close Focus Distance	100mm ~ 1000mm	
PAN/TILT		
Pan Rotation Angle	0° ~ 360° endless rotation	
Pan Speed	Manual	0.1° ~ 300°/sec
	Preset	Max 400°/sec
Tilt Rotation Angle	-15° ~ 90° with auto flip 180°	
Tilt Speed	Manual	0.1° ~ 200°/sec
	Preset	Max 300°/sec

DOME	
Preset	300 positions with preset title display ON/OFF
Guard Tour	Max 8 Groups (each one consisting up to 32 preset steps with different speed and dwell time)
Pattern	5 programmable patterns (each one up to 400 operation commands and max 60 seconds length)
Auto Scan	5x Auto Scan with speed and left and right pan range setting
Auto Run	Start of programmed Auto Run function after elapsing specified period for non PTZ operation Go to: Preset Number (1-255) Start: Tour / Auto Scan / Pattern / Auto Pan
Flexible P/T Speed	During manual operation flexible pan tilt speed depending of the lens focal length setting
VIDEO	
Video	H.265: Controllable frame rate and image resolution, video stream bandwidth limitation (VBR/CBR) H.265: 45Kbps ~ 8.1Mbps H.264: Controllable frame rate and image resolution, video stream bandwidth limitation (VBR/CBR) H.264: 56Kbps ~ 10.1Mbps MJPEG: Controllable frame rate and image resolution, bandwidth limitation (CBR)
Resolution	1080P=1920x1080, 720P=1280x720, D1=704x576, CIF=352x288
Configurable Frame Rate / Resolution	First Stream: 1080P/720P up to 25fps Second Stream: D1/CIF up to 25fps Third Stream: 720PD1/CIF up to 25fps
Burnt-in Text	Time-Date / Name - flexible display position
AUDIO	
Compression Format	G.711a / G.711u (32kbs) / PCM (128kbs)
Interface	1/1 line in/out terminal
NETWORK	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6, TCP/IP, UDP, HTTP, HTTPS, SSL, UPnP, SNMP, RTSP, RTP, ICMP, IGMP, SMTP, NTP, DHCP, DNS, PPPOE, Bonjour, DDNS, FTP, QoS, IP Filter, 802.1x
ONVIF / PSIA	Version 2.4.0 (support Profile S) / PSIA compliant
Users Connection	Live viewing for up to 20 clients
Security	Multi-level user access with password protection MAC address, IP address or address range filtering function for limit access

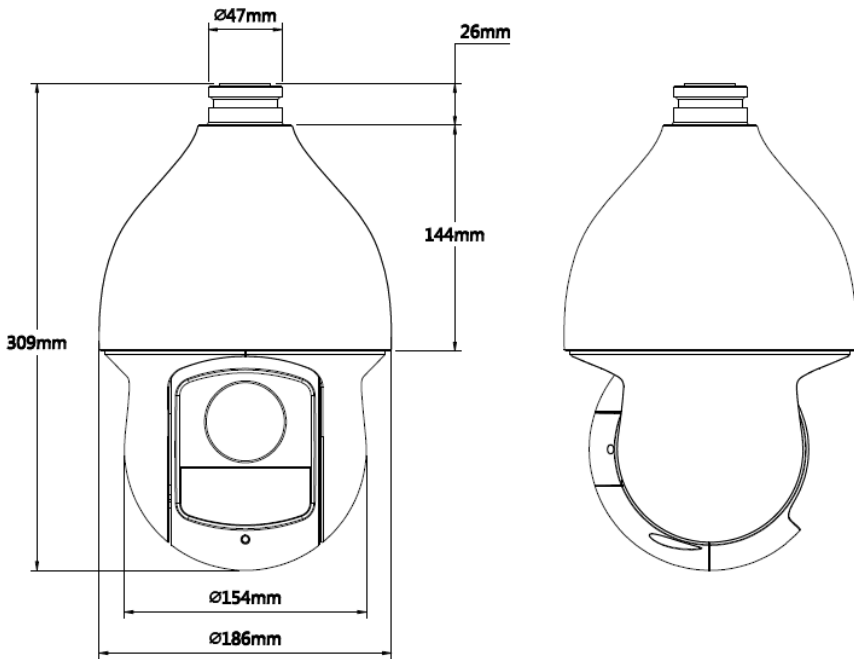
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INTELLIGENT AUTO TRACKING FUNCTION	
Auto Tracking	Single-scene, multiple-scene,
Auto Tracking Trigger Event	Trigger line, Cross Warning Zone, Perimeter Protection
Trigger Mode	Manual / Auto (alarm triggered)
ELECTRICAL	
Power Supply	AC 24V/3A (±10%), PoE+ (802.3at)
Power Consumption	13W, (23W with IR on, Heater on)
Working Environment	-40°C ~ 65°C Less than 95% RH (Non-Condensing)
MECHANICAL	
Dimensions	186mm (Φ) x 309mm (H)
Weight	3.9kg
Material	Upper part Metal
Color	White - RAL9003

IR ILLUMINATOR	
IR Working Distance	Up to 150m
GENERAL	
Memory Interface	1x Micro SD/SDHC slot, up to 128GB support. Search interface for event and continuities records, playback and file download (card not included).
I/O Terminal	2x input contact / 1x output contact
Event Sources	- Auto Tracking Function - Video tamper - DI contact
Event Actions	- Notification service via email message with snapshot, - DO-contact - Video clip / snapshot upload on external FTP server / NAS - Local SD memory card recording - Auto PTZ control for object tracking
Approvals	FCC, CE, RoHs, IP66,

Dimension




(Unit: mm)







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Standard Accessory

(Part of the delivering)

Wall Mount Bracket WMB300S	Thread Mount Adapter TMA110	Power Supply AC 24V (outdoor to use with JBK140)
		

Optional Accessory

Junction Box JBK140 (IP66)	Pole Mount Adapter PMA150	Corner Mount Adapter CMA151	Ceiling Bracket CMB300SET
			

Junction Box JBK120 (no IP)


To cover IP classification of the camera housing or bracket need accordingly installation