

RF4204-A *NEW EDITION*

H.264 Outdoor Full HD Speed Dome IP Camera

- 30x Optical Zoom / 16x Digital Zoom
- H.264 & MJPEG triple-video-stream, two way Audio
- Up to 25fps@1080p (1920x1080) / 50fps@720P resolution
- True Day/Night (IR Cut Filter), DSS and digital WDR
- Controlling Pan/Tilt Speed while Zooming
- Endless pan rotation and up to 650° 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
- Micro SD memory interface, **ONVIF / PISA** support
- **PoE+** support, 7x alarm input and 2x alarm output contacts



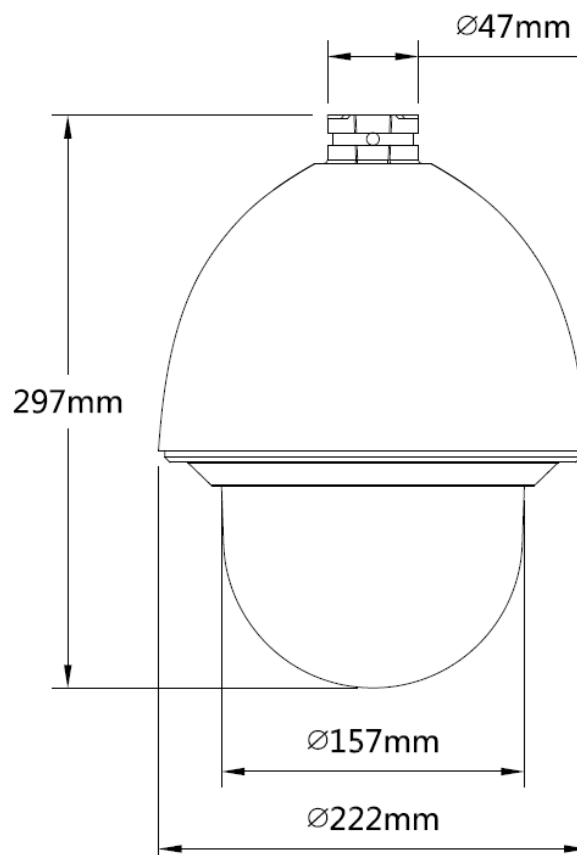
Specifications

CAMERA		
Image Sensor	1/2.8" CMOS	
Effective Pixels	1920 X 1080	
Scanning System	Progressive scanning	
Electronic Shutter Speed	1/1 ~ 1/30.000s	
Minimum Illumination	Color: 0.05Lux, F1.6 B/W: 0.005Lux, F1.6	
S/N Ratio	Better than 50dB	
CAMERA FEATURES		
White Balance	Auto, ATW, Manual, Indoor, Outdoor,	
Gain Control	Auto / Manual (configurable Gain level)	
Day/Night	Auto / Manual (configurable switching threshold) - removable IR Cut Filter	
Backlight Compensation	BLC On/Off	
Wide Dynamic Range	Digital WDR (configurable level)	
DSS (Sens-up)	Configurable digital slow shutter 1/1 ~ 1/25	
Image Settings	Configurable hue, contrast, saturation, gamma,	
Noise Reduction	2D / 3D selectable with configurable level	
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 ~ 135mm	
Max Aperture	F1.6 ~ F4.4	
Zoom Range	30x optical zoom / 16x digital Zoom	
Focus Control	Auto / Manual	
Angle of View	Horizontal: 67.8°~ 2.77°	
Close Focus Distance	100mm ~ 1000mm	
PAN/TILT		
Pan Rotation Angle	0°~360° endless rotation	
Pan Speed	Manual	0.1° ~ 300°/sec
	Preset	Max 650°/sec
Tilt Rotation Angle	-15°~ 90° with auto flip 180°	
Tilt Speed	Manual	0.1° ~150°/sec
	Preset	Max 500°/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	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 (1-300) 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.264: Controllable frame rate and image resolution, video stream bandwidth limitation (VBR/CBR) 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 up to 25fps / 720P up to 50fps Second Stream: D1/CIF up to 25fps Third Stream: 720P/D1/CIF up to 25fps
Burnt-in Text	Time-Date / Name - flexible display position
Analog Video Output	PAL Signal (1.0Vp-p, 75Ω)
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 (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

SMART FUNCTION		GENERAL	
Smart Video Object Detection	<ul style="list-style-type: none"> - Trigger Line with direction detection - Zone with object Enter/Leave detection - Zone for Missing /Abandoned object detection - Face detection 	Memory Interface	1x Micro SD/SDHC slot, up to 64GB support. Search interface for event and continuities records, playback and file download (card not included).
ELECTRICAL		I/O Terminal	7x input contacts / 2x output contacts
Power Supply	AC 24V/3A (±25%), PoE+ (802.3at)	Serial Interface	1x RS485
Power Consumption	13W, (20W with Heater on)	Protocol	Flex-SD, Pelco-P/D
Working Environment	-40°C ~ 65°C / Less than 90% RH	Event Sources	<ul style="list-style-type: none"> - Smart video object detection - Video tamper - Motion detection - DI contact
MECHANICAL		Event Actions	<ul style="list-style-type: none"> - Notification service via email message with snapshot, - DO-contact - Video clip / snapshot upload on external FTP server / NAS - Local SD memory card recording
Dimensions	222mm (Φ) x 297mm (H)	Approvals	FCC, CE, RoHs, IP67, IK10
Weight	6.5kg		
Material	Metal housing, Anti-vandal bubble (PC)		




Dimension (Unit: mm)







RF4204-A *NEW EDITION*


Standard Accessory

(Part of the delivering)

<p>Wall Mount Bracket WMB303</p>	<p>Thread Mount Adapter TMA111</p>	<p>Power Supply AC 24V (outdoor to use with JBK140)</p>
		

Optional Accessory

<p>Junction Box JBK140 (IP66)</p>	<p>Pole Mount Adapter PMA150</p>	<p>Corner Mount Adapter CMA151</p>	<p>Ceiling Bracket CMB300SET</p>
			

<p>Junction Box JBK120 (no IP)</p>


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