RF6303IR-A

3 Megapixel Outdoor IR Bullet IP Camera with motorized zoom and focus

- H.264 & MJPEG dual-video-stream
- Up to 20fps@3MP (2304×1296) / 25fps@1080P (1920×1080)
- True Day/Night and digital WDR
- 2.7~12mm lens with remote zoom and focus, one click focus
- ONVIF support, PoE (IEEE 802.3af)
- IP66 Water Protection
- Integrated IR LEDs, max distance 30m
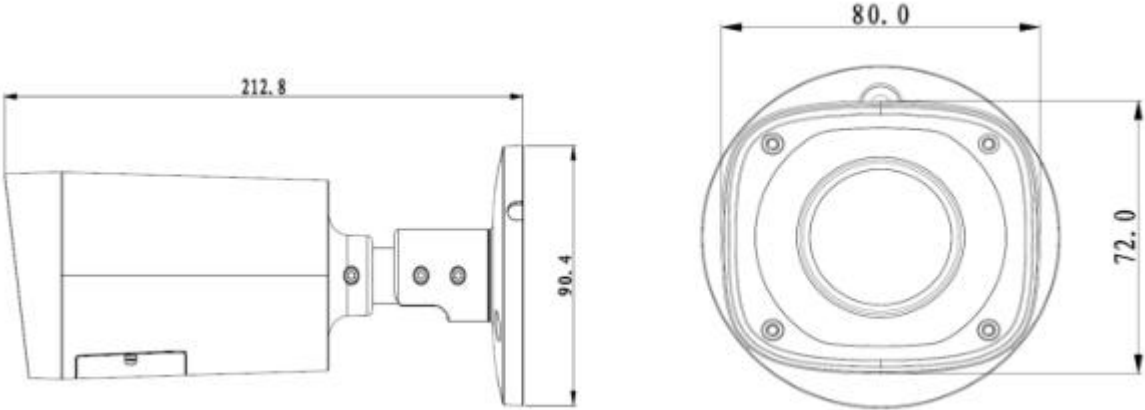- Micro SD memory interface

Specifications

CAMERA	
Image Sensor	1/3" 3Megapixel CMOS
Effective Pixels	2304(H) x 1296(V)
Scanning System	Progressive scanning
Electronic Shutter Speed	1/4 ~ 1/100000
Shutter Exposure Modes	Automatic/Manual – with selectable fixed shutter speed or configurable min/max shutter speed range Presetting - Low Noise / Low Motion Blur Flicker-Control – Outdoor/50/60Hz
Minimum Illumination	Color: 0.1Lux, F1.2 B/W: 0Lux, F1.4 (IR LED On)
S/N Ratio	Better than 50dB

CAMERA FEATURES	
White Balance	Auto / Sunny/ Night / Outdoor / Manual
Gain Control	Auto / Manual (configurable level)
Day/Night	Auto/Manual (3 predesigned switching levels selectable) - removable IR Cut Filter
Backlight Compensation	BLC On/Off (flexible configurable zone for BLC)
Wide Dynamic Range	Digital WDR (configurable level)
Image Settings	Configurable brightness, contrast, saturation, sharpness, vertical flip & horizontal mirror function
3D Noise Reduction	Configurable digital noise reduction
Motion Detection	4 zones with independent configuration of detection sensitivity and alarm trigger threshold
Privacy Masking Zones	4 flexible configurable regions

LENS	
Lens	2.7(w) – 12mm(t), Fixed Iris, Motorized Focus & Zoom Control – One Click Focus Function
Max Aperture	F1.4
Angle of View	Horizontal angle: 92°(Wide) ~ 28°(Tele)

VIDEO	
Video	**H.264/H.264H:** Controllable frame rate and image resolution, video stream bandwidth limitation (VBR/CBR 48K ~ 8192Kbps) **MJPEG:** Controllable frame rate and image resolution, bandwidth limitation (CBR)
Resolution	3MP=2304x1296, 1080P=1920x1080, SXGA=1280x1024, 1.3M=1280× 960, 720P=1280x720, D1=704×576, CIF=352×288
Configurable Frame Rate / Resolution	First Stream: 3MP up to 20fps /1080P/ SXGA/ 1.3M/720P up to 25fps Second Stream: D1/CIF up to 25fps

VIDEO	
Burnt-in Text	Time-Date / Name / Text - flexible display position
Analog Video Output	-

AUDIO	
Compression Format	-
Interface	-

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
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

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	-
IR Working Distance	Approx 30m
Event Sources	- Motion detection - Video tamper,
Event Actions	- Notification service via email message with snapshot, - Video clip / snapshot upload on external FTP server / NAS - Local SD memory card recording
Approvals	FCC, CE,IP66, RoHs

ELECTRICAL	
Power Source	DC12V, PoE(802.3af)
Power Consumption	Max 8.5W
Working Environment	-30°C ~ +60°C
Operating Humidity	≤90%, non-condensing

MECHANICAL	
Dimensions	80mm (W) x 72mm (H) x 213mm (D) (including bracket)
Weight	0,7 kg
Material	Aluminum Die Casting

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Dimension

(Unit: mm)

Accessories

Junction Box JBK122 (IP66)	Pole Mount Adapter PMA152	Corner Mount Adapter CMA151

* Note: To mount unit on pole or corner adapter need to use the junction box JBK122. To cover IP classification of the camera housing or bracket need accordingly installation

Specification subject to change without notice