RF3203IR

RIVA flex ®

2 Megapixel Full HD In-/Outdoor & Vandal-Proof IR Dome IP Camera

- H.264 & MJPEG triple-video-stream, two way Audio
- Up to 25fps@1080P (1920×1080)
- True Day/Night and digital WDR
- 3~9mm lens with remote zoom and focus, one click focus
- ONVIF support, PoE (IEEE 802.3af)
- IK-10 Vandal Resistance / IP66 Water Protection
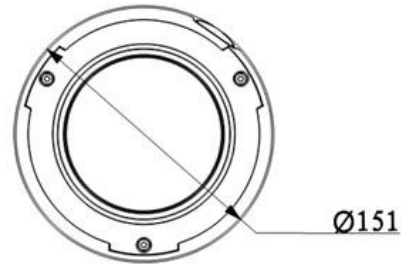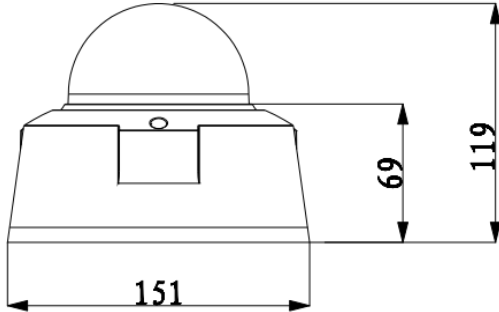- Integrated IR LEDs, max distance 20m
- Micro SD memory interface

ONVIF

Specifications

CAMERA	
Image Sensor	1/2.8" 2Megapixel Exmor CMOS
Effective Pixels	1920x1080
Scanning System	Progressive scanning
Electronic Shutter Speed	1/4 ~ 1/10000
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, F1.4 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 0-100)
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 0-100)
Image Settings	Configurable brightness, contrast, saturation, sharpness, vertical flip & horizontal mirror function
3D Noise Reduction	Configurable digital noise reduction 1-100
Motion Detection	4 zones with independent configuration of detection sensitivity and alarm trigger threshold
Privacy Masking Zones	4 flexible configurable regions

LENS	
Lens	3.0(w) – 9.0mm(t), DC Auto Iris, Motorized Focus & Zoom Control – One Click Focus Function
Max Aperture	F1.4
Angle of View	Horizontal angle: 105°(Wide) ~ 36°(Tele)

VIDEO	
Video	**H.264:** 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	1080P=1920x1080, 720P=1280x720, D1=704x576, CIF=352x288
Frame Rate	First Stream: 1080P/720P up to 25fps configurable Second Stream: D1/CIF up to 25fps configurable Third Stream: 720P/D1/CIF up to 25fps) configurable*
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 /PCM
Interface	1/1 line in/out terminal

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	Version 2.4.1 (support Profile S)
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, max 64GB support (Recommend Class 6 and higher for HD recording)
I/O Terminal	1x input contact / 1x output contact
IR Working Distance	Approx 20m
Event Sources	Motion detection, 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
Approvals	FCC, CE,IP66, IK10, RoHs

ELECTRICAL	
Power Source	AC24V/DC12V, PoE(802.3af)
Power Consumption	Max 7W
Working Environment	-20°C ~ +60°C
Operating Humidity	≤90%, non-condensing

MECHANICAL	
Dimensions	151mm (Φ) x 119mm (H)
Weight	1.25kg
Material	Aluminum Die Casting, Anti-vandal bubble (PC)

* Depending of frame rate and image resolution configuration for first /second video stream the max fps of third stream can diversity between 10-25fps in highest resolution.

RF3203IR

Dimension   (Unit: mm)

119

69

151

Ø151

Accessories

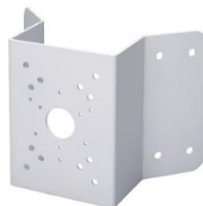### Wall Mount Bracket
WMB302S* (IP66)

Hanging Mount Adapter
HMA100

Pole Mount Adapter
PMA150

Corner Mount Adapter
CMA151

Junction Box
JBK132 (IP65)

* Note: For dome installation via wall bracket it's necessary to use Hanging Mount Adapter. To cover IP classification of the camera housing or bracket need accordingly installation

Specification subject to change without notice