# RF5201IR-A

**2 Megapixel Full HD, WDR In-/Outdoor & Vandal Proof Wedge IR Dome IP Camera**

- H.264 & MJPEG triple-video-stream, two way Audio
- Up to 25fps@1080P (1920×1080)
- True Day/Night and extended WDR (120dB)
- 3.6mm fixed lens, Smart Video Object Detection
- **ONVIF** / **PSIA** support, PoE (IEEE 802.3af)
- IK-10 Vandal Resistance / IP67 Water Protection
- Integrated IR LEDs, max distance 20m
- Micro SD memory interface

## Specifications

| CAMERA | |
|---|---|
| **Image Sensor** | 1/2.7"   2 Megapixel CMOS |
| **Effective Pixels** | 1920 x 1080 |
| **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<br>Presetting - Low Noise / Low Motion Blur<br>Flicker-Control – Outdoor/50/60Hz |
| **Minimum Illumination** | Color: 0.01Lux, F2.0<br>B/W: IR LED On: 0Lux, F2.0 |
| **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** | True WDR with extended dynamic range up to 120dB |
| **Image Settings** | Configurable brightness, contrast, saturation, sharpness, vertical flip & horizontal mirror<br>Corridor Mode (-90° / +90° image flip) |
| **3D Noise Reduction** | Configurable digital noise reduction 1-100 |
| **Region of Interest (ROI)** | Setup of 4 ROI with better image quality setting as for the remain video image |
| **Motion Detection** | 4 zones with independent setting for detection sensitivity and alarm trigger threshold |
| **Privacy Masking Zones** | 4 flexible configurable regions |
| LENS | |
| **Lens** | 3.6mm fixed lens |
| **Max Aperture** | F2.0 |
| **Angle of View** | Horizontal angle: 93° |
| VIDEO | |
| **Video Compression** | **H.264, H.264B, H.264H:** Controllable frame rate and image resolution, video stream bandwidth limitation (VBR/CBR) 32K~10Mbps<br>**MJPEG:** Controllable frame rate and image resolution, bandwidth limitation (CBR) |

| VIDEO | |
|---|---|
| **Resolution** | 1080P=1920×1080, SXGA=1280x1024, 1.3M=1280x960, 720P=1280×720, D1=704×576, CIF=352×288 |
| **Configurable Frame Rate / Resolution** | First Stream: 1080P/SXGA/1.3MP/720P up to 25fps<br>Second Stream: D1/CIF upto 25fps<br>Third Stream: 720P/D1/CIF up to 14fps*/25fps |
| **Burnt-in Text** | Time-Date/Name/Text - flexible display position |
| **Analog Video Output** | - |
| AUDIO | |
| **Compression Format** | G.711a/ G.711u/ AAC |
| **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, 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 |
| 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** | 1x input contact / 1x output contact |
| **IR Working Distance** | Up to 20m |
| **Event Sources** | - Smart video object detection<br>- Motion detection<br>- Video tamper<br>- DI contact<br>- Audio detection |
| **Event Actions** | - Notification service via email message with snapshot,<br>- DO-contact<br>- Video clip / snapshot upload on external FTP server / NAS<br>- Local SD memory card recording |
| **Approvals** | FCC, CE, RoHs, IP67, IK10 |

\* If frame rate and image resolution setting of the first and second video stream is set to

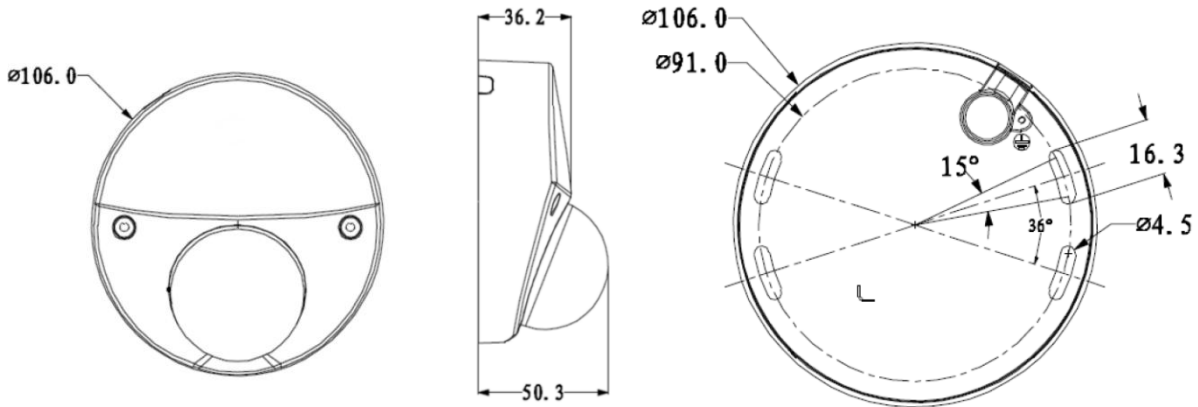highest the max fps of third stream will decrease from 25fps to 14fps in 720P resolution

Specification subject to change without notice

# RF5201IR-A

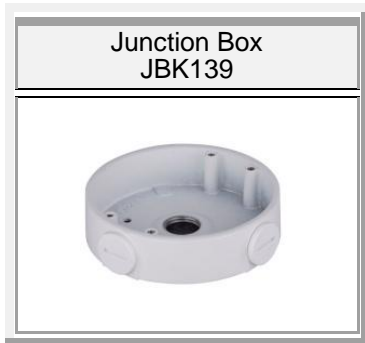| ELECTRICAL | |
|---|---|
| **Power Source** | DC12V, PoE(802.3af) |
| **Power Consumption** | Max 5W |
| **Working Environment** | -30°C ~ +60°C |
| **Operating Humidity** | ≦90%, non-condensing |
| MECHANICAL | |
| **Dimensions** | Φ 106mm× 51mm (H) |
| **Weight** | 0.4 kg |
| **Material** | Aluminum Die Casting, Anti-vandal bubble (PC) |
| **Color** | White - RAL9003 |

| SMART   FUNCTION | |
|---|---|
| **Smart Video Object Detection** | - Trigger Line with direction detection<br>- Zone with object Enter/Leave detection<br>- Zone for Missing /Abandoned object detection<br>- Scene change detection<br>- Face detection |
| **Audio Detection** | Configurable audio input level for audio detection. |

## Dimension

(Unit: mm)



## Accessories



Junction Box
JBK139

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