

AI Vandal-proof Mini Bullet Network Camera Series - NDAA

Features:

- ▶ 1/2.8" 2MP ~ 4K progressive scan Sony STARVIS CMOS
- ▶ Lens: 2.8mm/4mm/6mm@F1.6- M12
- ▶ Primary Stream: 30fps@1080P / 20fps@4K
- ▶ Min. Illumination, Color: 0.002Lux@F1.2 B/W: 0Lux with IR on
- ▶ **AI Video Intelligent Analytics**
- ▶ SIP/Protocol: Voice & Video-over-IP
- ▶ Unicast, Multicast Protocol
- ▶ Starlight Technology
- ▶ Triple-stream Encoding
- ▶ 120dB Super WDR
- ▶ IR Distance: 30M
- ▶ 3AXIS
- ▶ ONVIF Profile G & Q & S & T, API
- ▶ Support micro SD up to 256GB
- ▶ POE, IP67, IK10, -40°C ~ + 60°C



AI Video Analytics

- 8 intelligent VCA modes powered by AI engine, which can intelligently filter objects to focus on human and vehicle detection.
- People Counting technology provides high accuracy and real-time data based on AI algorithm with statistic reports.
- Face Detection function detects human faces in the monitoring scene and captures the snapshots, which greatly enhances the monitoring efficiency.



120dB Super WDR

Rhodium's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.



20fps@4K

Providing 4K HD resolution with frame rate of 30fps, the camera performs well in catching detailed image regardless of the moving speed.



IP67&IK10

Supporting IP67-rated weather proofing and IK10-rated vandal proof which are the leading level of the industry, the camera is well protected against adverse impact to ensure the performance.



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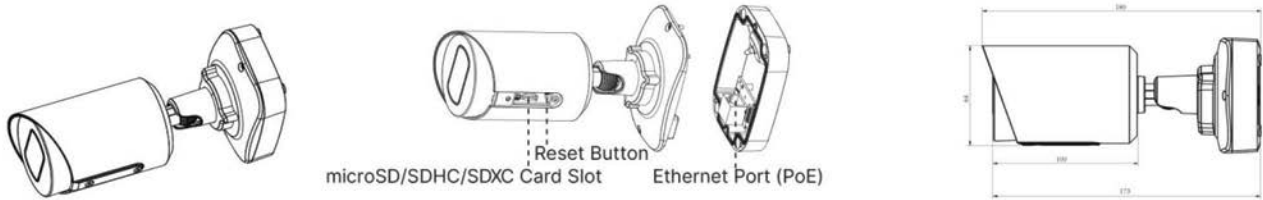
| | Model | RBU2964-(R)PD (2MP) | RBU5364-PD (5MP) | RBU8164-SPD (4K) | |
|------------------|-----------------------|--|---|--|--|
| Camera | Image Sensor | 1/2.8" Progressive Scan CMOS | | | |
| | Min. Illumination | Color: 0.002Lux@F1.2 Color: 0.005Lux@F1.6 B/W: 0Lux with IR on | Color: 0.005Lux@F1.2 Color: 0.008Lux@F1.6 B/W: 0Lux with IR on | Color: 0.01Lux@F1.2 Color: 0.012Lux@F1.6 B/W: 0Lux with IR on | |
| | WDR | 120dB Super WDR | 120dB Super WDR | | |
| | Lens | 2.8mm/4mm/6mm@F1.6 | | | |
| | Mount | M12 | | | |
| | Field of View | H111°/D128°/V61°(2.8mm) H91°/D106°/V50°(4mm) H55°/D63°/V32°(6mm) | H105°/D131°/V78°(2.8mm) H86°/D108°/V63°(4mm) H52°/D63°/V40°(6mm) | H110°/D126°/V60°(2.8mm) H91°/D106°/V50°(4mm) H55°/D63°/V32°(6mm) | |
| | Shutter Time | 1/100000s~1s | | | |
| | IR Distance | Up to 30m | | | |
| | Day/Night Mode | Day/Night/Auto/Customize/Schedule | | | |
| | S/N | >55dB | | | |
| Video | Max. Image Resolution | 1920x1080 | 2592x1944 | 3840x2160 | |
| | Primary Stream | 60fps@(1920x1080, 1280x960, 1280x720, 704x576) | 30fps@(2592x1944), 45fps@(2048x1536), 60fps@(1920x1080, 1280x960, 1280x720, 704x576) | 20fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) | |
| | Secondary Stream | 30fps(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180) | 30fps(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180) | | |
| | Tertiary Stream | 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180) | | | |
| | Video Compression | H.265*/H.265(HEVC)/H.264*/H.264/MJPEG | | | |
| | Video Bit Rate | 16Kbps~16Mbps(CBR/VBR Adjustable) | | | |
| | Privacy Masking | Up to 8 areas | | | |
| | ROI | Up to 8 areas | | | |
| | Image Setting | Brightness/Contrast/Saturation/Sharpness | | | |
| Interface | Ethernet | 1*RJ45 10M/100M Ethernet Port | | | |
| Network | Network Storage | NAS(Support NFS, SMB/CIFS), ANR | | | |
| | Protocol | IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL | | | |

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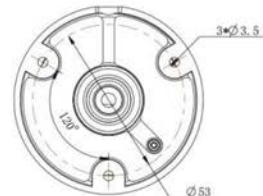
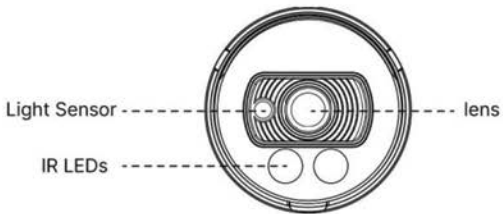
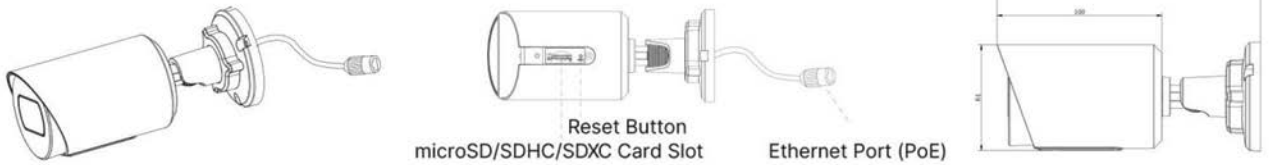
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|------------------------------|--|--|-------------------------------|---------------------------|
| Intelligent Analytics | Video Analysis | Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed | | |
| | Face Detection | Detect and capture faces, get real-time snapshots | | |
| | People Counting & Report | Count the number of people entering or exiting, Up to 4 detection areas for regional people counting | | |
| System | Storage | Support microSD/SDHC/SDXC Card Local Storage, up to 256G | | |
| | Advanced Function | BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark, MultiCast, UniCast | | |
| | SIP/VoIP Support | Yes, Voice & Video-over-IP | | |
| | Event Trigger | Motion Detection, Network Disconnection, etc. | | |
| | Event Action | FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc. | | |
| | System Compatibility | ONVIF Profile G & Q & S & T, API | | |
| General | Working Temperature | -40°C~60°C | | |
| | Working Humidity | 0~90%(Non-condensing) | | |
| | Power Supply | PoE (802.3af) | | |
| | Power Consumption | 4W MAX 6W MAX (With IR on) | 5W MAX 7W MAX (With IR on) | 6W 8W MAX (With IR on) |
| | Weather Proof | Up to IP67-rated for Weather-resistant Performance | | |
| | Housing | Vandal-proof IK10-rated Metal Housing | | |
| | Weight | 610g (Junction Box Version) / 450g (Cable Out Version) | | |
| | Dimensions | 97mmX74mmX180mm (Junction Box Version) / Φ64mmX160mm (Cable Out Version) | | |
| | Warranty | 3/5 Years | | |
| Certifications: | CE, FCC, LVD, ISO9001, ISO14001 EN55032:2015, EN55035:2017, EN61000-3-2:2014, EN61000-3-3:2013, EN62368-1:2014+A11:2017 | | | |

Structure Diagrams

Junction Box Version



Cable Out Version



Units: mm

Accessories Support

RA01 Pole Mount

Weight: 720g
Dimensions: 170*51.5*152.6mm



RA03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.5*76.3mm

