Al Weather-proof Mini Dome Network Camera Series

Features:

- ▶ 1/2.8" 2MP ~ 5MP progressive scan Sony STARVIS CMOS
- Lens: 2.8mm/4mm/6mm@F1.6- M12
- Primary Stream: 60fps@1080P / 30fps@5MP
- Min. Illumination, Color: 0.002Lux@F1.2 B/W: 0Lux with IR on
- Al Video Intelligent Analytics
- ► SIP/Protocol: Voice & Video-over-IP
- Unicast, Multicast Protocol
- Starlight Technology
- ► Triple-stream Encoding
- ▶ Super WDR 140dB
- ▶ IR Distance: 25M
- ▶ Built-in Microphone, 3AXIS
- ▶ ONVIF Profile G & Q & S & T, API
- ▶ Support micro SD up to 256GB
- ▶ POE, IP67, IK10, -40°C ~ + 60°C

Al 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 Al algorithm with statistic reports.
- Face Detection function detects human faces in the monitoring scene and captures the snapshots, which greatly enhances the monitoring efficiency.



0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.





























140dB 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.



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.



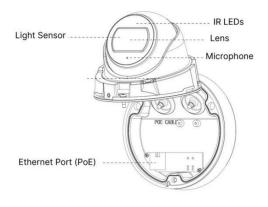
| Camera | Model | RDO2975-RPC | RDO5375-PC | |
|-----------|-----------------------|--|---|--|
| | Model | (2MP) | (5MP) | |
| | Image Sensor | 1/2.8" Progressive Scan CMOS | | |
| | Min. Illumination | Color: 0.002Lux@F1.2 | Color: 0.005Lux@F1.2 | |
| | | Color: 0.005Lux@F1.6 | Color: 0.008Lux@F1.6 | |
| | | B/W: OLux with IR on | B/W: OLux with IR on | |
| | WDR | 140dB 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) | |
| | Shutter Time | 1/100000s~1s | | |
| | IR Distance | Up to 25m | | |
| | Day/Night Mode | Day/Night/Auto/Customize/Schedule | | |
| | S/N | >55dB | | |
| Video | Max. Image Resolution | 1920x1080 | 2592x1944 | |
| | Primary Stream | 60fps@(1920x1080, 1280x960, 1280x720, 704x576) | 30fps@(2592x1944), 45fps@(2048x1536), 60fps@(1920x1080, 1280x960, 1280x720, 704x576) | |
| | Secondary Stream | 60fps@(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 | | |
| | Audio Interface | Built-in Microphone | | |
| 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 | | |
| Audio | Audio Compression | G.711/AAC/G.722/G.726 | | |
| | Audio Sampling Rate | 8/16/32/44.1/48KHz | | |
| | Audio Bit Rate | 16~256kbps | | |
| | Two-way Audio | N/A | | |

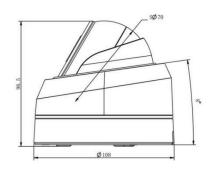
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| Intelligent Analytics | Video Analysis | Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed | | |
|--------------------------|------------------------|---|-------------------------------|--|
| | 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, Audio Alarm, 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 | 5W MAX 6W MAX (With IR on) | 5W MAX 7W MAX (With IR on) | |
| | Housing | Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance | | |
| | Weight | 600g (Junction Box Version) / 410g (Cable Out Version) | | |
| | Dimensions | Φ108mmX96.5mm (Junction Box Version) / Φ106mmX76.5mm (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

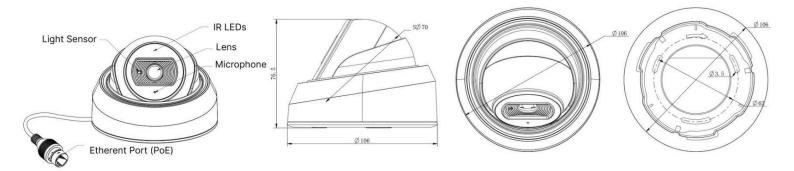
Junction Box Version







Cable Out Version



Units: mm

Accessories Support



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



RA03 External Corner Bracket

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



RA71 Wall Mount

Weight: 530g Dimensions: 162*124*78 mm



Weight: 450g Dimensions: 168.9*168.9*91.3mm



RA83 Junction Box

Weight: 270g Dimensions: φ122*45.5mm



Diamond Series