

RC 3102 HD – 5211 / 5311

H.264 Full HD Indoor Fixed IP Dome Camera

- Full HD1080p @ 30fps
- 5311 Model fit with Remote Zoom/Focus Control (One Click AF)
- Video Compression: H.264, MJPEG
- True Day/Night and WDR
- Video Dual Stream, Two-way Audio with G.711
- MicroSD/SDHC Memory Card Slot
- ONVIF Support, Comprehensive SDK Support



Specifications

| CAMERA | |
|------------------------|--|
| Model | RC3102HD-5211: Vario focal lens RC3102HD-5311: Motorized Focus & Zoom lens |
| Image Sensor | 1/2.7" 1080p CMOS |
| Effective Pixels | 1920 x 1080 |
| Scanning System | Progressive scanning |
| AGC Control | Auto |
| Minimum Illumination | Color: 0.5 lux, F1.2 - B/W : 0.001Lux (DSS ON) |
| Lens /-5211 Model | Manual 3.0 – 9.0mm Vari-Focal, F1.2 - 360, DC Auto Iris |
| Lens /-5311 Model | 3.0 – 9.0mm Vari-Focal, F1.2-360, DC Auto Iris Motorized Focus & Zoom Control – One Click Focus Function |
| Lens Angle of View | Wide approx: 93.0°(H) x 68.4°(V) Tele approx: 31.7°(H) x 23.8°(V) |
| Shutter Time | 1/2000s to 1/2s |
| Day & Night Switching | Auto/Manual (both switching level adjustable 1 ~ 64) IR Cut Filter removal |
| Image Settings | Configurable brightness, contrast, saturation, sharpness Flip & mirror function |
| 2D-DNR | Configurable digital noise reduction 1 ~ 16 |
| Wide Dynamic Range | Digital WDR** |
| Exposure Adjustment | +1.0, +0.6, +0.3, 0, -0.3, -0.6, -1.0 EV |
| White Balance | ATW1 / ATW2 / Push / Manual |
| Flicker Control | Normal, 50Hz, 60Hz |
| DSS (Sens-up) | Configurable levels 2X ~ 16X |
| Backlight Compensation | BLC On/Off (possible to designate zone) |
| VIDEO | |
| Video Compression | H.264 Baseline, Main, High profile (MPEG-4 Part 10/ AVC), MJPEG (Motion JPEG) |
| Video Streaming | Dual Stream, Configurable streams in H.264, MJPEG H.264: Controllable frame rate and image resolution, bandwidth(VBR/CBR) MJPEG: Controllable frame rate and image resolution, JPEG quality |
| Resolutions | 1920x1080, 1280x720, 800x450, 480x270, 320x180 |
| Frame Rate | H.264: Configurable up to max 30fps in all |

| AUDIO | |
|-----------------------------------|---|
| Audio input / output | Line-In: 1.43Vp-p, 39 KΩ Line-Out: 46mW Power, 16 Ω |
| Compression Format | G.711-uLaw |
| NETWORK | |
| Ethernet Standard | 10 / 100 Base-T |
| Protocol | QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, mDNS, UPnP™, SMTP, DHCP, DNS, DynDNS, NTP, SNMPv1/v2c/v3(MIB-II), IGMP, ICMP, SSLv2/v3, TLSv1 |
| Users Connection | Live viewing for up to 10 clients |
| Security | Multi-level access with password protection |
| GENERAL | |
| I/O Terminal | 1x Alarm In - max 50mA@5VDC, TTL 1x Alarm Out - max 50mA@24VDC, TTL |
| Edge Storage | 1x MicroSD/MicroSDHC card slot (card not included) (Recommend Class 4 and higher for HD recording) |
| Application Programming Interface | Software Development Kit (SDK) available ONVIF compliant (release V1.4.0.x or higher) |
| Approvals | FCC, CE, KC, RoHs |
| ELECTRICAL | |
| Power Source | 12V DC / PoE (IEEE 802.3af) |
| Power Consumption (Approx) | RC3102HD-5211: 4.68W @ DC 12V RC3102HD-5311: 4.92W @ DC 12V |
| ENVIRONMENT | |
| Operation Temperature | PoE / DC12V : 0°C ~ 50°C (32°F ~ 122°F) |
| Operating Humidity | Up to 85% RH, Non-condensing |
| MECHANICAL | |
| Material | Plastic (ABS) |
| Color | White |
| Dimension | Housing: 144(Φ) x 121(H) mm, Dome: 100(Φ) mm |
| Weight (Approx) | 520g |

* When VCA is activate, frame rate is limit to max15fps@1080p.
Limitations are based on V.1.5.0 firmware release and could be changed without notice.

** Function support in V1.5.0 firmware.

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|---------------------------|---|
| | resolution* MJPEG: Configurable up to max 30fps in all resolution* |
| Motion Detection | Max. 8 zones with independent configuration of detection sensitivity and target object size |
| Burnt-in Text | Time / Date / Name (Name up to 48 characters), flexible display position configuration |
| Privacy Mask Zones | 4 flexible configurable regions** |
| Analogue Video | NTSC/PAL (3 minutes, only for installation purpose) |

VIDEO CONTENT ANALYSIS (Included as Standard)

| | |
|----------------------------------|---|
| High Performance | Advanced tracking algorithm and low false alarm rate |
| Easy to Use | Intuitive web browser interface |
| Detection Zones and Rules | Up to 40 zones (multi-segment polygons and lines) 60 VCA filter rules in total |
| On-screen Display | Real-time display of tracking data and events |
| Tamper Detection | Recognize camera tampering via VCA detect |
| Event Actions | Notification service via TCP/IP, HTTP, multic or email text messages with snapshot, DO-contact, file upload on FTP server, local SD memory card recording** |

VIDEO CONTENT ANALYSIS (Option extension License)

| | |
|------------------------------|---|
| Available License | VCAcountIP, VCAaccessIP, VCAsurveillancelP, VCAadvancedIP |
| VCA Detection Filters | Enter, Exit, Appear, Disappear, Stop, Direction Dwell, Speed, Tailgating, Object Classification, |
| VCA Features | - Up to 20 Onscreen Counter Displays, - Counting-Line for accuracy people and vehicle counting, - VCA Event Metadata Streaming (RTSP/RTP), VCA calibration for right object size detection |
| Info VCA | Details regarding supported VCA filters and features of the different extension licenses find on 'Filter Matrix VCA License' document |

ACCESSORIES

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|-------------------------|---|
| Mounting Adapter | FMB-3102 – Flush Mount Bracket WMB-3000 – Wall Mount Bracket CMB-3000 – Ceiling Mount Bracket PMA-3000 – Pole Mount Adapter CMA-3000 – Corner Mount Adapter |
|-------------------------|---|

Dimension

(Unit: mm)

