

## 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
- Embedded VCA Technology Video Analytics
- Power over Ethernet (IEEE 802.3af)

#### 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 0N)		
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) <b>MJPEG</b> : 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	GoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTI RTSP, RTCP, RTP/UDP, RTP/TCP, mDNS, UPn <sup>D™</sup> , 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 MircoSD/MicroSDHC card slot (card not included) (Recommend Class 4 and higher f 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			
ENVIROMENT				
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)	52Og			

 $\star$  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.

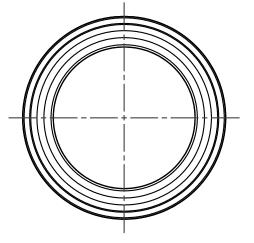


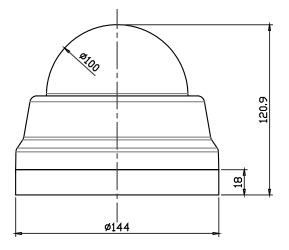
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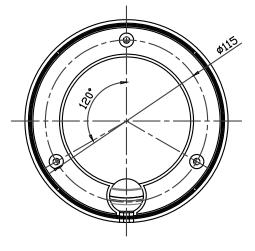
	resolution* MJPEG: Configurable up to max 30fps in all	VIDEO CONTENT ANALYSIS (Option extension License)	
	resolution*	Available License	VCAcountIP, VCAaccessIP, VCAsurveillanceIP, VCAadvancedIP
Motion Detection	Max. 8 zones with independent configuration of detection sensitivity and target object size	VCA Detection Filters	Enter, Exit, Appear, Disappear, Stop, Direction Dwell,
D	Time / Date / Name (Name up to 48		Speed, Tailgating, Object Classification,
Burnt-in Text	characters), flexible display position configuration		<ul> <li>Up to 20 Onscreen Counter Displays,</li> <li>Counting-Line for accuracy people and vehicle counting,</li> <li>VCA</li> <li>Event Metadata Streaming (RTSP/RTP),</li> <li>VCA calibration for right object size detection</li> </ul>
Privacy Mask Zones	4 flexible configurable regions**	VCA Features	
Analogue Video	NTSC/PAL (3 minutes, only for installation purpose)		
VIDEO CONTENT ANALYSIS (Included as Standard)		Info VCA	Details regarding supported VCA filters and features of the different extension licenses find on 'Filter Matrix VCA License' document
High Performance	Advanced tracking algorithm and low false alarm rate	ACCESSORIES	
Easy to Use	Intuitive web browser interface		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
Detection Zones and Rules	Up to 40 zones (multi-segment polygons and lines) 60 VCA filter rules in total	Mounting Adapter	
On-screen Display	Real-time display of tracking data and events		
Tamper Detection	Recognize camera tampering via VCA detect	l	
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**		

### Dimension

(Unit: mm)







R

more than standard

