

RC 3502 HD – 5211 IR/ 5311IR

H. 264 Full HD Outdoor Fixed IR Dome IP Camera

- Full HD1080p @ 30fps
- 5311IR 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
- Built-in IR illuminator with Smart IR adjustment
- MicroSD/SDHC Memory Card Slot
- ONVIF Support, PoE (IEEE 802.3af)
- Embedded VCA Technology Video Analytics
- Vandal Proof IK-10 / IP66 Protection Rating



Specifications

CAMERA		VIDEO	
Model	RC3502HD-5211IR: Varifocal lens RC3502HD-5311IR: Motorized Focus & Zoom lens	Burnt-in Text	Time / Date / Name (Name up to 48 characters), flexible display position configuration
Image Sensor	1/2.7" 1080p CMOS	Privacy Mask Zones	4 flexible configurable regions**
Effective Pixels	1920 x 1080	Analogue Video	NTSC/PAL (3 minutes, only for installation purpose)
Scanning System	Progressive scanning	AUDIO	
AGC Control	Auto	Audio input / output	Line-In: 1.43Vp-p, 39 KΩ Line-Out: 46mW Power, 16 Ω
Minimum Illumination	Color: 0.5 lux, F1.2 - BW: 0.00 lux (IR LED On)	Compression Format	G.711-uLaw
Lens /-5211IR Model	Manual 3.0 – 9.0mm Vario-Focal, F1.2 - 360, DC Auto Iris	NETWORK	
Lens /-5311IR Model	3.0 – 9.0mm Vari-Focal, F1.2-360, DC Auto Iris Motorized Focus & Zoom Control – One Click Focus Function	Ethernet Standard	10 / 100 Base-T
Lens Angle of View	Wide approx: 93.0°(H) x 68.4°(V) Tele approx: 31.7°(H) x 23.8°(V)	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
Shutter Time	1/2000s to 1/2s	Users Connection	Live viewing for up to 10 clients
Day & Night Switching	Auto/Manual (both switching level adjustable 1 ~ 64) IR Cut Filter removal	Security	Multi-level access with password protection
Image Settings	Configurable brightness, contrast, saturation, sharpness Flip & mirror function	GENERAL	
2D-DNR	Configurable digital noise reduction 1 ~ 16	I/O Terminal	1x Alarm In - max 50mA@5VDC, TTL 1x Alarm Out - max 50mA@24VDC, TTL
Wide Dynamic Range	Digital WDR**	Edge Storage	1x MicroSD/MicroSDHC card slot (card not included) (Recommend Class 4 and higher for HD recording)
Exposure Adjustment	+1.0, +0.6, +0.3, 0, -0.3, -0.6, -1.0 EV	Application Programming Interface	Software Development Kit (SDK) available ONVIF compliant (release V1.4.0.x or higher)
White Balance	ATW1 / ATW2 / Push / Manual	Approvals	FCC, CE, KC, IP66, IK-10, RoHs
Flicker Control	Normal, 50Hz, 60Hz	ELECTRICAL	
DSS (Sens-up)	Configurable levels 2X ~ 16X	Power Source	12V DC / PoE (IEEE 802.3af)
Backlight Compensation	BLC On/Off (possible to designate zone)	Power Consumption (Approx)	RC3502HD-5211: 14.52W @ DC 12V RC3502HD-5311: 15.48W @ DC 12V
IR ILLUMINATOR		ENVIROMENT	
IR LED	RC3502HD-5211IR: IR LED x 30 (850nm) RC3502HD-5311IR: IR LED x 36 (850nm)	Fan / Heater	Fan / Heater Unit
IR Working Distance	RC3502HD-5211IR: approx 23m (30IRE) RC3502HD-5311IR: approx 25m (30IRE)	Operation Temperature	DC12V : -40°C ~ 50°C (-40°F ~ 122°F) PoE : 0°C ~ 50°C (32°F ~ 122°F) Cold Start DC12V : -20°C (-4°F) / PoE: 0 °C (32°F)
SMART IR	Automatically adjust the infrared light to the best, according to the brightness of the scene	Operating Humidity	Up to 85% RH, Non-condensing
VIDEO		MECHANICAL	
Video Compression	H.264 Baseline, Main, High profile (MPEG-4 Part 10/AVC), MJPEG (Motion JPEG)	Material	Aluminum Die Casting, Anti-vandal bubble (PC)
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	Color	White
Resolutions	1920x1080, 1280x720, 800x450, 480x270, 320x180	Dimension	Housing: 155(Φ) x 129(H) mm, Dome: 100(Φ) mm
Frame Rate	H.264: Configurable up to max 30fps in all resolution* MJPEG: Configurable up to max 30fps in all resolution*	Weight (Approx)	1.2kg (2.64 lbs)

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... more than standard

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 detection
Event Actions	Notification service via TCP/IP, HTTP, multicast or email text messages with snapshot, DO-contact, file upload on FTP server, local SD memory card recording**

* 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 with V1.5.0 firmware.

VIDEO CONTENT ANALYSIS (Option extension License)	
Available License	VCAcountIP, VCAaccessIP, VCAsurveillanceIP, 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	
Mounting Adapter	FMB-3502 - 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)

