

# RC1202HD-6241



## H.264 Full HD Indoor Box IP Camera

- Full HD1080p @ 30fps
- Video Compression: H.264, MJPEG
- True Day/Night and WDR
- Video Dual Stream, Two-way Audio with G.711
- SD/SDHC Memory Card Slot
- **ONVIF** Support, PoE (IEEE 802.3af)
- Selectable C/CS Mount, DC Auto Iris Control
- Embedded VCA Technology Video Analytics
- Burnt-in Text, Video Motion Detection



### Specifications

CAMERA	
Image Sensor	SONY EXMOR 1/2.9" 1080p CMOS
Effective Pixels	1920 x 1080
Scanning System	Progressive scanning
AGC Control	Auto, adjustable amplification level
Minimum Illumination	Color: 0.5 lux, F1.2 - B/W : 0.001Lux (DSS ON)
Lens Mount	C/CS Mount selectable
Shutter Time	1/10000s to 1/2s
Shutter Exposure Modes	Automatic - with configurable min. shutter speed Manual - with configurable fixed shutter speed Flicker-Control - 50/60Hz
Day & Night Switching	Auto/Manual (both switching level adjustable 1 ~ 64) Removable IR Cut Filter
Image Settings	Configurable brightness, contrast, saturation, sharpness, vertical flip & horizontal mirror function
2D-DNR	Configurable digital noise reduction 1 ~ 16
Wide Dynamic Range	Up to 100dB Dynamic Range with activated WDR
Exposure Adjustment	+1.0, +0.6, +0.3, 0, -0.3, -0.6, -1.0 EV
White Balance	ATW1 / ATW2 / Push / Manual
DSS (Sens-up)	Configurable digital slow shutter 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, Independent Configurable <b>H.264</b> : Controllable frame rate and image resolution, video stream bandwidth limitation (VBR/CBR) <b>MJPEG</b> : Controllable frame rate and image resolution, JPEG quality
Resolutions	1920x1080, 1280x720, 1120x630, 960x540, 800x450, 640x360, 480x270, 320x180
Frame Rate	H.264: Configurable up to max 30fps in all 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
Privacy Mask Zones	4 flexible configurable regions
Analogue Video	NTSC/PAL (3 minutes, only for installation purpose)

AUDIO	
Audio input / output	Line-In: 0.178Vp-p, 10KΩ Lineout: 2.26Vp-p, 10KΩ
Compression Format	G.711-uLaw
NETWORK	
Ethernet Standard	10 / 100 Base-T
Protocol	QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, RTSP, RTP, 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 SD/SDHC card slot (card not included) (Recommend Class 6 and higher for HD recording)
Serial Port	RS-485
Application Programming Interface	Software Development Kit (SDK) available ONVIF compliant (release V1.4.0.x or higher)
ONVIF	Version: 2.02 (Support Profile S)
Approvals	FCC, CE, KC, RoHs
ELECTRICAL	
Power Source	12V DC / PoE (IEEE 802.3af)
Power Consumption	(Approx) 3.5W @ DC 12V
ENVIROMENT	
Operation Temperature	DC12V: 0°C ~ 50°C (32°F ~ 122°F) PoE: 0°C ~ 45°C (32°F ~ 113°F)
Operating Humidity	Up to 85% RH, Non-condensing
MECHANICAL	
Material	Aluminum Die Casting
Color	White / Grey
Dimension	71(W) x 64(H) x 141(D) mm
Weight (Approx)	470g

\* If VCA is activate, frame rate is limit to max 15fps@1080p. Limitations are based on V.1.6.0 firmware release and could be changed without notice

