



SPECIFICATION

|                           |                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Model NO.                 | CMSERL4RC                                                                                                                       |
| Camera                    |                                                                                                                                 |
| Image Sensor              | 1/2.8" SONY Starvis Back-illuminated CMOS sensor                                                                                |
| Resolution                | 4MP/5MP                                                                                                                         |
| Effective Pixels          | 2616(H)*1964(V)                                                                                                                 |
| Compression               | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                 |
| Audio Compression         | G711A/U,AAC,MP2L2                                                                                                               |
| TV System                 | PAL/NTSC                                                                                                                        |
| Electronic Shutter Time   | Auto: 1/3-1/100000Sec                                                                                                           |
| Minimun Illumination      | Color: 0.003 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR                                                     |
| S/N Ratio                 | 60dB                                                                                                                            |
| Scanning System           | Progressive                                                                                                                     |
| Video Output              | Network                                                                                                                         |
| Reset Button              | Optional                                                                                                                        |
| Lens                      |                                                                                                                                 |
| Focal Length & FOV        | 2.8 mm, horizontal FOV 96°, vertical FOV 72°, diagonal FOV 124°<br>4mm, horizontal FOV 80°, vertical FOV 56°, diagonal FOV 107° |
| Lens Type                 | Fixed focal lens, 2.8 and 4 mm optional                                                                                         |
| Focus Control             | Fixed                                                                                                                           |
| Aperture                  | F1.6                                                                                                                            |
| Pixels                    | 4MP                                                                                                                             |
| Night Vision              |                                                                                                                                 |
| Supplement Light          | IR 2PCS<br>Warm light 2PCS                                                                                                      |
| Supplement Light Distance | IR 40m<br>Warm light 30m                                                                                                        |
| Supplement Light Status   | Auto Control                                                                                                                    |
| Supplement Light Power On | Smart, Manual & Timed mode                                                                                                      |
| Network                   |                                                                                                                                 |
| Ethernet                  | RJ-45 (10/100Base-T)                                                                                                            |
| Wireless                  | N/A                                                                                                                             |
| Protocol                  | TCP/IP, IPv4/v6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, NTP, SMTP, UDP, SNMP, Qos, 802.1x                   |
| ONVIF                     | Support ONVIF 19.12(Profile S/T)                                                                                                |
| P2P                       | YES                                                                                                                             |
| POE                       | Internal, Support IEEE 802.3af                                                                                                  |
| Video Delay               | 0.3S (Within the Lan)                                                                                                           |

|               |                                                          |
|---------------|----------------------------------------------------------|
| Main Stream 1 | 2592*1944@30fps                                          |
| Main Stream 2 | 2560*1440@60fps                                          |
| Main Stream 3 | 1920*1080@30fps<br>1280*720@30fps                        |
| Sub Stream 1  | 1280*720@30fps                                           |
| Sub Stream 2  | 720*480@30fps                                            |
| Sub Stream 3  | 352*288@30fps                                            |
| Tri Stream    | 1280*720@30fps<br>720*480@30fps<br>352*288@30fps         |
| IE Brower     | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari |
| Smart Phone   | iPhone, Android                                          |

## AI Function

|                      |                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Intelligent Analysis | Intrusion Detetion(based on human and Vehicle Detection), Line Cross Detetion(based on human and Vehicle Detection), Loiter Detetion(based on human detection), People Gather Detecion(based on human detection), Motion detection based on human detection, Enter Area(based on human and Vehicle Detection), Leave Area(based on human and vehicle Detection), Face Detection |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Camera Features

|                  |                                                                                                                                                                          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Day/Night        | Color/ B&W (IR-CUT )                                                                                                                                                     |
| Image Config     | Saturation/Brightness/Contrast/Sharpness, Mirror, 3D NR, White Balance, Anti Flicker, Video Tampering, HLC, Distortion                                                   |
| Full Color       | Support                                                                                                                                                                  |
| Corridor Pattern | Support                                                                                                                                                                  |
| Defog Mode       | Support                                                                                                                                                                  |
| ROI              | Support                                                                                                                                                                  |
| BLC              | Support                                                                                                                                                                  |
| WDR              | 120dB                                                                                                                                                                    |
| Motion Detection | Support(support enable the detection based on human movement only)                                                                                                       |
| Privacy Masking  | 3 Rectangular Zone                                                                                                                                                       |
| Recording Mode   | NVR/CMS/Web                                                                                                                                                              |
| Language         | Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian |

## Interface

|              |                                                              |
|--------------|--------------------------------------------------------------|
| Audio        | Default: Built in Mic<br>Optional: Audio In                  |
| Alarm        | N/A                                                          |
| SD Card Slot | Default:Without<br>Option: External SD card slot (Max 512GB) |
| RS485        | N/A                                                          |

## General

|                       |                       |
|-----------------------|-----------------------|
| Housing               | Metal, IP67           |
| Anti-cut Bracket      | NO                    |
| IR Cut Filter         | YES                   |
| Operation Temperature | -20℃ ~ +60℃ RH95% Max |
| Storage Temperature   | -20℃ ~ +60℃ RH95% Max |
| Power Source          | DC12V±10%, 700mA      |
| Dimension             | ∅ 125 x 90.2(H) mm    |
| Weight                | 508g                  |