

12MP AI ISP Full Color IP Camera

CMSETV12RC



- Built-in Mic
- External SD Card Slot
- Face Detection
- Line Crossing Count
- Illegal Parking (based on vehicle shape and license plates)
- License Plate Detection
- Abandoned Object Detection & Removed Object Detection
- Heat Map



Camera

Image Sensor	1/1.8" OmniVision PureCel®Plus Back-illuminated CMOS sensor
Resolution	12MP
Effective Pixels	3840(H)*2160(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
Minimum Illumination	Color: 0.001 Lux@(F1.2, 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 109.9°, vertical FOV 58°, diagonal FOV 132.3° 4 mm, horizontal FOV 90.2°, vertical FOV 48.8°, diagonal FOV 106.2° 6 mm, horizontal FOV 57°, vertical FOV 32.3°, diagonal FOV 65.1°
Lens Type	Fixed focal lens, 2.8, 4 and 6 mm optional
Focus Control	Fixed
Aperture	F1.2
Pixels	8MP

Night Vision

Supplement Light	IR: 2PCS, Warm light: 2PCS
Supplement Light Distance	IR: 40m, 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, RTMP, RTCP, PPPoE, NTP, SMTP, UDP, SNMP, Qos, 802.1x
ONVIF	Support ONVIF 24.12(Profile S/T/G/M)
P2P	YES
POE	Internal, Support IEEE 802.3af
Video Delay	300ms (Within the Lan)
Main Stream 1	4000*3000@15fps 3840*2160@30fps
Main Stream 2	2560*1440@30fps
Main Stream 3	1920*1080@30fps 1280*720@30fps
Sub Stream 1	1280*720@30fps
Sub Stream 2	720*480@30fps

Sub Stream 3	N/A
Tri Stream	720*480@30fps 352*288@30fps
IE Brower	Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari
Smart Phone	iPhone, Android

AI Function

Intelligent Analysis	Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count(based on human and vehicle detection), Loitering Detection/People Gathering Detection(based on human detection), Motion Detection(supports the detection based on human and vehicle movement), Face Detection, Illegal Parking(based on vehicle shape and license plates), License Plate Detection, Abandoned Object Detection, Removed Object Detection, Heat Map
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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, Scene Change Detection
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 and Vehicle movement)
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, Czech

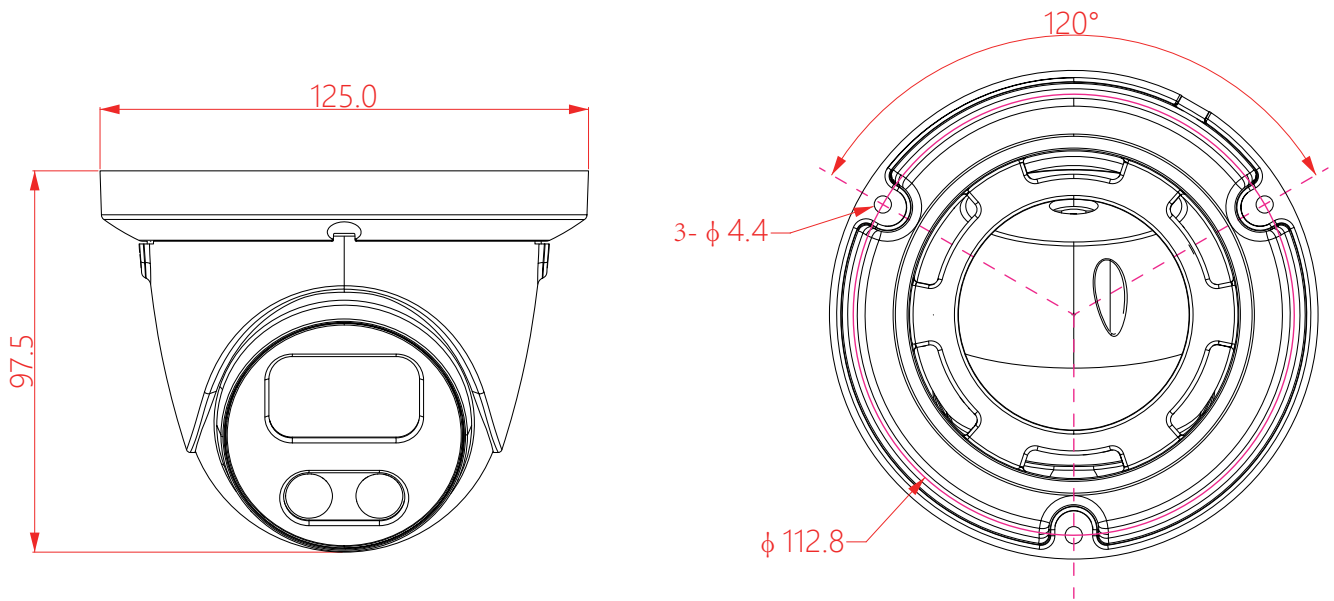
Interface

Audio	Default: Built in Mic Option: Audio In Option: Audio I/O Option: Built in Mic+Built in Speaker Support Sound Detection
Alarm	N/A
SD Card Slot	Default: Without Option: External SD card slot (Max 512GB)
RS485	N/A

General

Housing	Metal, IP67
Anti-cut Bracket	NO
IR Cut Filter	YES
Operation Temperature	-30℃ ~ +60℃ RH95% Max
Storage Temperature	-30℃ ~ +60℃ RH95% Max
Power Source	DC12V±10%, 500mA
Dimension	∅ 125 x 90.2(H) mm
Weight (N.W./G.W.)	Approx. 545 g / Approx. 682 g

Dimensions (mm)



Optional Accessories



B245
Side Bracket