

Model name	RS-CH240N4NM-HLDF-LFWA0550PW
8MP Active Deterrence AI Motorized bullet Network Camera	
F2.0 Aperture Lens	Starlight Sensor
Audio & Light Alarm	Customizable Voice
Dual Light Sources	Dual Modes
24/7 All-weather Color Images	IK10
Providing real-time video output at maximum resolution 3840x2160@30fps Supports warm light/infrared dual supplementary light Supports backlight compensation, strong light suppression, 3D digital noise reduction, 120dB wide dynamic range, suitable for different video environments Supports AI & motorized zoom Equipped with 1 built-in microphone, 1 built-in speaker, 1 set of audio input and output, 1 set of alarm input and output Designed to meet IPC67 dust and water resistance standards	
Design	
Video	
Imaging Device	1/2.8"
Effective Pixels	8MP 3840(H)×2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.009lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON
Lens Type	
Focal Length (Zoom)	5-50mm
Max. Aperture Ratio	F No. 2.0±5%
Angular Field of View	Horizontal: 49-7°, Vertical: 27-4°, Diagonal: 57-8°
Min. Object Distance	0.2m~∞
Lens Type	Ø14
Operational	
IR LED	8
WarmLight	4
IR Viewable Length	Up to 80m
WarmLight Viewable	Up to 25m
Type of complementary	Default warm light, switchable infrared light
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	WDR
Digital Noise Reduction	3D DNR
Image Setting	Full Color Mode/Day&Night Mode/Smart Illumination
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Alarm	1 input, 1 output
Audio	1 input, 1 output, 1 Built-in microphone
Custom Voice	Yes

Hardware Reset	Yes
Smart Feature	Face Recognition, Pedestrian & Vehicle , Perimeter Intrusion , Line Crossing , Object Detection, Crossing Counting, Heat Map, Crowd Density , Queue Length , License Plate , Rare Sound, Intrusion, Region Entrance , Region Exiting
Network	
Ethernet	RJ45(10/100BASE-T)
Video Compression	H.265/H.264/H.265+/H.264+/MJPEG
Resolution	Main Stream @30fps 8MP(3840x2160),5MP(2592x1944,3072x1728), 4MP(2592x1520),3MP(2304x1296),1080P(1920x1080), 960P(1280*960),720P(1280x720), Sub Stream @30fps 720P(1280x720),VGA(640x480),QVGA(320x240) Mobile Stream @30fps VGA(640x480), QVGA (320x240)
Video Quality Adjustment	256Kbps ~ 8Mbps
Bitrate control method	CBR/VBR
IP	IPv6
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP.NTP.UPnP.SNMP.HTTPS.FTP
Security	IP address filter;complicated password;Authenticated username and password
Application Programming Interface	ONVIF(Profile S/G/T/M)
Web Viewer	IE10/11 Safari V12.1 above Firefox V.52 above Google chrome V.57 above Edge V.79 above
Environmental	
Operating Conditions	-35 ~ +60°C/less than $\leq$ 90% RH
Ingress Protection	IP67; IK10
Electrical	
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption	DC12V:max 8.9W; POE(48V): max 11.8W
Mechanical	
Material	Metal
Dimension	
 	