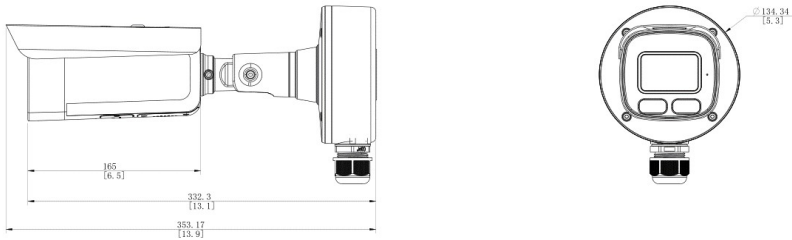


Model name	RS-CH248M6NM-HLDF-LFWA0832PW	
Audio & Light Alarm	1/1.8" Progressive Scan CMOS	
Dual Modes	Customizable Voice	
Dual Light Sources	24/7 All-weather Color Images	
Providing real-time video output at maximum resolution 3840×2160@30fps		
Supports warm light/infrared dual supplementary light		
Supports ROI (Region of Interest)		
Supports backlight compensation, strong light suppression, 3D digital noise reduction, 120dB wide dynamic range, suitable for different video environments		
Supports AI & Motorized zoom（fast zoom）		
Supports Rs-485&Wiegand		
Supports Precise iris		
Equipped with 1 built-in microphone, 1 built-in speaker, 1 set of audio input and output, 2 set of alarm input and output		
Designed to meet IP67 dust and water resistance standards		
Design		
Video		
Imaging Device	1/1.8"	
Effective Pixels	8MP 3840(H)×2160(V)	
Scanning System	Progressive CMOS	
Min. Illumination	Color: 0.0008 Lux @ (F1.7, AGC ON);0 Lux with IR	
Lens Type		
Focal Length (Zoom Ratio)	8-32mm（fast zoom）	
Max. Aperture Ratio	F1.7 to F 1.76	
Angular Field of View	H:40(W)-14(T)° V:27(W)-10(T)° D:49(W)-17(T)°	
Min. Object Distance	W:1.5 m ∼ INF T:2.5 m ∼ INF	
Iris Type	Precise iris	
Operational		
IR LED	8	
WarmLight	4	
IR Viewable Length	Up to 100m	
WarmLight Viewable Length	Up to 30m	
Type of complementary light	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	2 input, 2 output	
Audio	1 input, 1 output, 1 Built-in microphone	
Custom Voice	Yes	
Hardware Reset	Yes	
Smart Feature	Face Recognition, Pedestrian & Vehicle , Line Crossing , Object Detection, Crossing Counting, Heat Map, Crowd Density , Queue Length , License Plate , Rare Sound , Intrusion , Region Entrance , Region Exiting	
LPR Vehicle Speed	Up to 120km/h	
Network		
Ethernet	RJ45(10/100BASE-T)	
Video Compression Format	H.265/H.264/H.265+/H.264+/MJPEG	
Resolution	Main Stream @30fps 8MP(3840x2160),5MP(3072x1728,2592x1944),4MP(2592x1520),3MP(2304x1296),1080P(1920x1080),720P(1280x720) Sub Steam @30fps 1080P(1920x1080),720P(1280x720),VGA(640x480) Mobile Stream @30fps VGA(640x480), QVGA（320x240）	
Video Quality Ajustment	256Kbps ∼ 16Mbps	



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)
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; NEMA 4X
Electrical	
Input Voltage / Current	D12V/POE
Power Consumption	DC12V: max 10.24W; POE (48V) : max 12.28W
Mechanical	
Material	Metal
Dimension	
 The technical drawing includes two views of the camera. The side view on the left shows three horizontal dimensions: 165 [6.5] for the main body, 332.3 [13.1] for the body plus the mounting bracket, and 353.17 [13.9] for the total length including the lens. The top view on the right shows a circular mounting flange with a diameter dimension of 134.34 [5.3].	