

Model name	RS-CH356M4MHA-HALDF-LFW2812PW
Design	
Video	
Imaging Device	1/2.7"
Effective Pixels	5MP 2880 (H) x1620 (V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.002lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
Lens Type	
Focal Length (Zoom Ratio)	2.8-12mm
Max. Aperture Ratio	F No. 1.2
Angular Field of View	H:113(W)-35(T)° V: 59(W)-20(T)° D: 138(W)-41(T)°
Min. Object Distance	1.5m
Lens Type	Ø16.7
Operational	
IR LED	2
WarmLight	2
Red Blue Light	2 (1 Red&1 Blue)
IR Viewable Length	Up to 25m
WarmLight Viewable Length	Up to 20m
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	NA
Audio	Built-in microphone&Speaker
Custom Voice	Yes
Hardware Reset	Yes
Smart Feature	Face Detection, 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 Format	H.265/H.264

Resolution	Main Stream@30fps 5MP(2880x1620),4MP(2560X1440) 3MP(2304x1296),1080P(1920x1080) 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 ≤ 90% RH
Ingress Protection	IP67
Electrical	
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption	DC12V : max 6.5W; POE (48V): max 8.1W
Mechanical	
Material	Metal