

Model name	RS-CH241A4TV-HALDF-LFWA0308PW
Design	
Video	
Imaging Device	1/1.8"
Effective Pixels	8MP (3840x2160)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.0007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
Lens Type	
Focal Length (Zoom Ratio)	3-8mm
Max. Aperture Ratio	F NO.1.0-F1.2
Angular Field of View	Horizontal:105°(W) -56° (T) , Vertical:54°(W)- 32°(T) , Diagonal:131°(W) -65° (T)
Min. Object Distance	W/T 3m
Lens Type	Non-standard interface
Operational	
IR LED	NA
WarmLight	2
Red Blue Light	2 (1 Red&1 Blue)
IR Viewable Length	NA
WarmLight Viewable Length	Up to 30m
Type of complementary light	Default warm light
Backlight Compensation	Off/On (8 Level)
Wide Dynamic Range	WDR
Digital Noise Reduction	3D DNR
Motion Detection	Off/On (8 Level)
Image Setting	Full Color Mode
Privacy Masking	Off/On (4 Zone, Rectangle)
Gain Control	Auto
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&Speaker
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 Format	H.265/H.264/H.265+/H.264+/MJPEG
Resolution	Main Stream 8MP(3840x2160),5MP(2592x1944,3072x1728), 4MP(2592x1520),3MP(2304x1296),1080P(1920x1080) Sub Stream 1080P(1920x1080),720P(1280x720),VGA(640x480) Mobile Stream VGA(640x480), QVGA (320x240)
Video Quality Adjustment	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
Streaming Method	Unicast/Multicast
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 5.75W; POE (48V) :max 7.63W
Mechanical	
Material	Metal
Dimensions	299.82mm×90.7mm