S274H19V-L29

8MP H.265+ Intelligent Analysis Dual Board Module

Technical Parameters ：

Model	S274H19V-L29
Camera Module	
Image Sensor	1/2.5" 8MP SONY 274　COMS
DSP	Hi3519V101
Effect Pixel	3840(H)x2160(V)
Scan Mode	Line by line Scan
Electronic shutter	1/25s~1/10000s;Automatic Adjustment
Min Illumination	Color0.001Lux@F1.2
S/N Ratio	≥50dB(AGC OFF)
Day and night switch	Photo Detect / Video Detect / Time Detect
WDR	≥80dBWDR ；
Digital Noise Reduction	3D NR
ROI region	Support up to 4 ROI region
Video Parameters	
Video compression	H.265+ ； H.265 Main Profile ; H.264 Baseline，Main Profile，High Profile ； MJPEG
Video resolution　Main stream	3840*2160/2592*1944/2548*1536
Sub stream	720P（1280*720）/D1(704×576)/VGA(640*480)
Video Frame	1-25（30）fps
Video Bit rate	32KB ~16Mbps,
Image settings	Supports Brightness, Contrast, Saturation, Sharpness, White Balance; AWB, AGC, AE (Automatic Exposure Control); Supports privacy area occlusion; OSD overlay; Image rotation: Normal 90 ° / 270 ° . Automatic, manual or automatic color to black and other switching methods
Smart functions	
Smart Coding	Support low code rate, low latency, ROI region of interest coding, support 4 ROI area

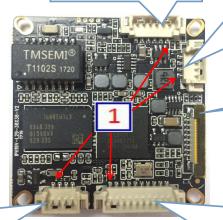|	
Smart Detect	Support Block Detection、Defocus Detection、Brightness Detection、Color Detection、Sound Detection、Remnants Detection、Motion Detection、Virtual Cordon、Regional Invasion
Smart Control	Support intelligent control alarm on, alarm off, fault clearing, intelligent noise
Peripheral Interface	
Audio / Talkback input	1 CH audio MIC input / linear input
Audio Output	1 CH audio output
Analog Video Output	1 CVBS analog video output
IO Function Interface	1 CH reset
USB Interface	1 USB interface, support TF card storage expansion (maximum 128G)
Alarm I/O	1 alarm input GPO interface /1 alarm output GPO interface
RS Interface	1 CH 485 Interface
Network Parameters	
Network Interface	10M/100M adaptive Ethernet port
Network Protocol	IPv4/IPv6,802.1x,HTTPS, HTTP, TCP/IP, UDP, RTP, RTCP, UPNP, RTSP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP
Access Standard	Support the latest ONVIF2.42 / GB28181 / SDK
Number of Client Visits	Support 8 users login at the same time
APP	iPhone、iPad、Android
General Parameters	
Power Supply	DC 12V
Power consumption	3W(MAX)
Size	38(L) * 38(W) *20(H)mm(Without Lens)
IR-CUT Pitch Of Holes	22mm
Weight	0.15kg

Interface definition：

Network Interface：

1.RJ45_1(TX+)

2.RJ45_2(TX-)

3.RJ45_3(RX+)

4.RJ45-6(RX-)

5.Connect Indicator Light

6.Status Indicator Light

Power Interface：

4.Power Ground

3.Video Loop Out

2.Video Ground

1.DC12V

Expansion Interface

Function Interface：

1.Audio Input	6.Alarm Input 1
2.Audio Ground	7.Alarm Input 2（Reserved）
	Active-low
3.Audio Output	8.Alarm output control GPO
4.Ground	9.RS_485+
5.Reset	10.RS 485-

USB Interface：

1.Ground

2.USB_DP

3.USB_DM

4.5VPower

IR Light Board Interface：
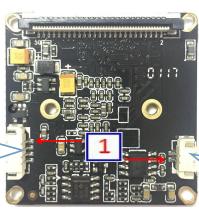
4.Constant Current IC PWM Enable Control

3.Light board control signal Input(0.8-12V)

2.Ground

1.DC12V Output

(-AI)Automatic Aperture Interface：

1.Drive-

2.Damping-

3.Damping+

4.Drive+

IR-CUT Interface：

2. ICR 5V+

1. ICR 5V-