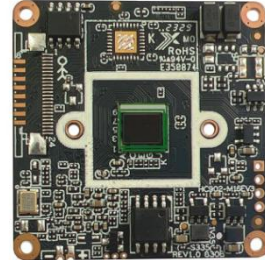


## IM50L35 5MP STARVIS HD Network Camera Module

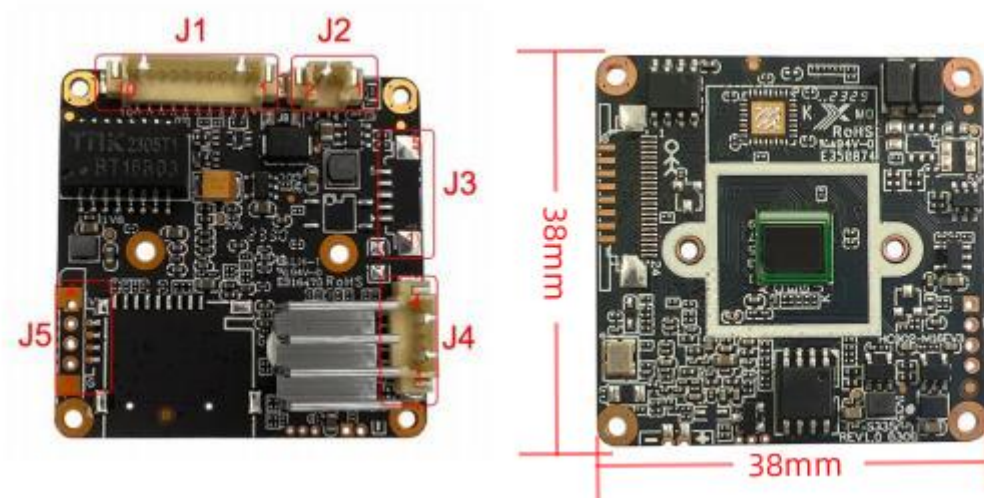


### Key Features:

- 1/2.8" 5.0MP Progressive Scan CMOS
- 5.0MP HD resolution
- Embedded Web Server, support Internet Explore monitoring, configuration, upgrade
- Support sub domain, easily to implement DHCP (ADSL dial-up)
- Support the P2P on Android, IOS
- Support ONVIF2.6
- H.265/H.264 main profile encoding, two simultaneous video streams
- Support Alarm pre-record
- Standard SDK(Linux,Windows) , easily to be integrated with other digital systems

## Technical specifications:

<b>Image Sensor</b>	
Sensor	1/2.8" 5MP CMOS Sony IMX335
Maximum Resolution	2592*1944@30fps
Minimum illumination	Color: 0.05Lux B/W: 0.01Lux
<b>Function</b>	
AGC	Auto/Manual
S/N Ratio	≥50dB (AGC OFF)
Shutter Speed	1/2 - 1/20,000s, Slow shutter support
Wide Dynamic Range	Digital WDR ≥ 73.7dB
<b>Day/Night Mode</b>	
Exposure Mode	Auto/ Manual/shutter mode
White Balance	Auto/ Manual /ATW/ Indoor/Outdoor/ lamp
Day & Night	External control (IR Cut Filter)
<b>Compressed Format</b>	
Video Compression	H.265/ H.264 Main Profile /M-JPEG
Audio Compression	G711, AAC
<b>Image Resolution</b>	
Main Stream	2592*1944/1080P/720P@30fps 2560*1440/2480*1520/2304*1296/1080P/720P@25fps
Sub Stream	D1/VGA/640*360/480*360/CIF@25fps;
<b>General Protocol</b>	
network protocol	TCP/IP, HTTP, NTP, IGMP, DHCP, UDP, SMTP, RTP, RTSP, ARP, DDNS, DNS, P2P
ONVIF protocol	Standard ONVIF
<b>Network Interface</b>	
wired	1ch 10/100BaseT Ethernet, RJ45 interface
WIFI	Support
<b>Other</b>	
power supply	12VDC
Size	38x38mm
operation temperature	-30°C ~85°C
Working humidity	≤90%RH(non-condensing)



Interface	pin	Pin name	Functional parameter
J1	1	12VDC	DC power input, voltage range 5V-13.6V
	2	Gnd	Signal ground
	3	ETH_LED	Network indicator light interface
	4	IR	Soft photosensitive infrared
	5	Eth_TX-	Adaptive network interface, physically receiving/transmitting signals (differential -)
	6	Eth_TX+	Adaptive network interface, physically receiving/transmitting signals (difference +)
	7	Eth_RX-	Adaptive network interface, physically receiving/transmitting signals (differential-)
	8	Eth_RX+	Adaptive network interface, physically receiving/transmitting signals (difference +)
	9	WL	WL-program control
	10	CDS_IN	Hard light sensitive infrared
J2	1	IR-CUT +	IR-CUT signal +
	2	IR-CUT -	IR-CUT signal-
J3	1	Alarm_in1	Alarm input 1
	2	Alarm_in2	Alarm input 2
	3	GND	Signal ground
	4	Alarm_out1	Alarm relay output 1
	5	Alarm_out2	Alarm relay output 2
J4	1	Audio_In	Audio linear input interface,
	2	Gnd	Signal ground
	3	Audio_Out	Audio linear output interface
	4	SYS_RST	Manual Reset
	5	NC	
J5	1	3.3V	3.3V power supply
	2	USB_DM	data D-
	3	USB_DP	data D+
	4	GND	Signal ground