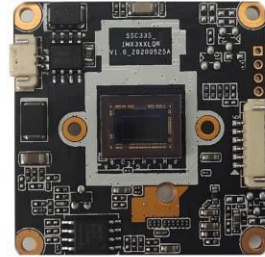


IMA20S07 2.0MP Ultra low-night HD Network Camera Module

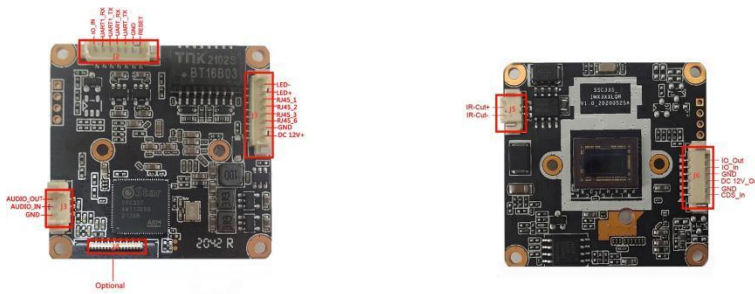


The MC-J10 is equipped with a 1/2.8" 2MP ultra-low illumination progressive scan CMOS sensor, delivering 1080P HD resolution. It features an embedded web server that supports Internet Explorer for monitoring, configuration, and upgrades. The device is compatible with subdomains, making it easy to implement DHCP (ADSL dial-up).

- 1/2.8" 2.0MP Ultra Low-illumination Progressive Scan CMOS
- 1080P 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:

Image sensor	
Sensor	1/2.8" 2.0MP CMOS Sony IMX307
Maximum Resolution	2048*1536@25fps
Minimum illumination	Color: 0.01Lux
Camera	
AGC	Auto/Manual
S/N ratio	≥50dB (AGC OFF)
Shutter speed	1/2 - 1/20,000s, Slow shutter support
Wide dynamic range	Digital WDR
Exposure mode	Auto/ Manual/shutter mode
White balance	Auto/ Manual /ATW/ Indoor/Outdoor/ lamp
Day & night	External control (IR Cut Filter)
Compressed format	
Video compression	H.265/H.264 Main Profile
Audio compression	G711
Image resolution	
Main stream	2048*1536@25fps,1080P/720P/D1@30fps
Sub stream	D1/VGA/640*360/CIF@30fps
General protocol	
Network protocol	TCP/IP, HTTP, NTP, IGMP, DHCP, UDP, SMTP, RTP, RTSP, ARP, DDNS, DNS, P2P
ONVIF protocol	Standard ONVIF
Network interface	
Wired	1ch 10/100BaseT Ethernet, RJ45 interface
Other	
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 12V input
	2	Gnd	Gnd
	3	RJ45_6	Network receiving differential signal RJ6
	4	RJ45_3	Network receiving differential signal RJ3
	5	RJ45_2	Network sends differential signal RJ2
	6	RJ45_1	Network sends differential signal RJ1
	7	LED_+	Network status indicator light positive
	8	LED_-	Network status indicator light negative
J2	1	REST	Reserved
	2	GND	Gnd
	3	UART_TX	AF automatic focusing interface
	4	UART_RX	NC
	5	UART_TX1	Reserved
	6	UART_RX1	IO warning light
	7	IO_IN	IO amplifier control
J3	1	OUT_IN	Audio output
	2	AUDIO_OUT	Audio input
	3	AUDIO_IN	Gnd
J4	1	IR-CUT+	IR-CUT+
	2	IR-CUT-	IR-CUT-
J5	1	CDS_IN	Hard photosensitivity
	2	GND	Gnd
	3	DC 12V_OUT	DC12V output
	4	GND	Gnd
	5	IO_IN	Soft photosensitive infrared
	6	IO_OUT	Soft photosensitive warm light