CCDCAM
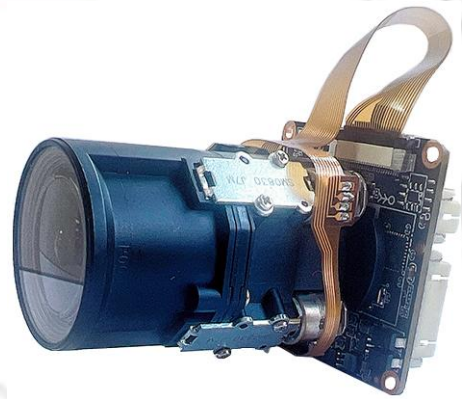
IM30S07-5X
3MP 5X Automatic zoom network module

The IM30S07 3MP 5X automatic zoom high-definition network module is based on the Goke embedded encoding platform,using a 1/2.8 "low illumination 3MP CMOS image sensor, with good low illumination and wide dynamic effects, and a maximum output resolution of up to 2304X1296@20fps The image is clearer and more delicate. Suitable for scenes that require high-definition image effects.

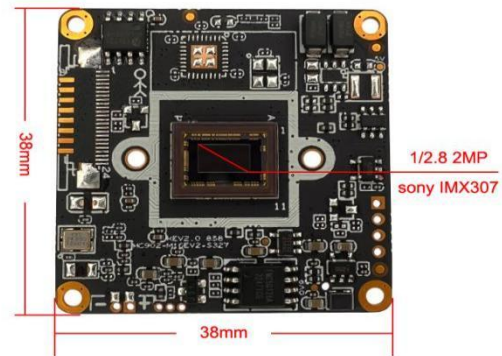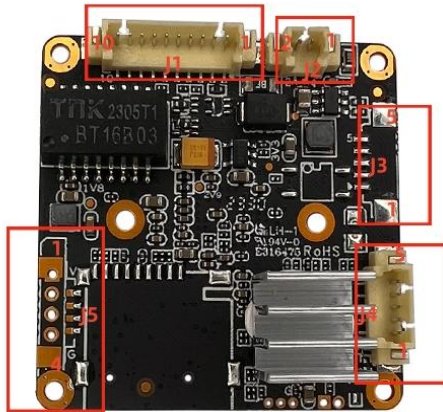Convenientauxiliary focusing function, after installation, you can use IE browser or client software to adjust the lens focus anytime and anywhere, ensuring clear images.

This product has good protocol compatibility, supports standard ONVIF2.4 protocols, Hikvision, XM protocols, etc., and can provide standard SDKs for quick integration by customers.

- 1/2.8 "3.0M IMX307 CMOS image sensor;
- Minimum illumination 0.05Lux@F1.2 Colorful, 0.01Lux@F1.2 Black and white;
- 5X optical synchronous focusing, with clear images throughout the zoom process;
- Two sets of motor drives, capable of directly driving a 12V motor
- Built in audio amplifier, can be directly connected to the speaker, and supports bidirectional voice
- Supports multiple night vision modes with dual light sources/single infrared light
- Intelligent 2D and 3D noise reduction algorithms, AE exposure algorithms, clean and refreshing night scenes;
- Support H.265 Main profile/H.264 Main profile/M-JPEG encoding, achieving lower bitstream high-definition image quality;

- Maximum resolution achievable 2304X1296@20fps ;
- Supports 1 mobile detection area and 4 privacy areas;
- Support for mobile detection and SMTP and FTP alarm functions
- Supports P2P access on Android and iOS mobile phones, allowing users to view images anytime, anywhere
- Supports SD card storage, with a maximum scalability of 128GB;
- Supports standard ONVIF 2.4 protocol, RTSP protocol, Haikang, and Xiongmai private protocols;
- Seamless integration with PC software platforms such as Hikvision IVMS-4200, Xiongmai CMS, Tianshitong, and NVR backend;
- An open system that provides Linux, Windows SDK development kits, and CGI protocol for rapid secondary development.

Technical specifications:

Image sensor	
Sensor	1/2.8" 3MP CMOS Sony IMX307
Maximum resolution	2304X1296@20fps
Minimum illumination	0.05Lux@F1.2(Color mode);0.01Lux@F1.2(Black and white)
Shot	
Focal length	2.8-12mm，F1.7-F3.0；
Viewing angle	135°(nearfocus)~34°(farfocus)
Audio frequency	
Input	Passive MIC
Output	Built in amplifier for direct speaker connection
Function	
Lamp control mode	Infrared/White/Dual lamp mode
Support	AI humanoid detection/Motion detection/human detection
Alarm push	Mobile app/SMTP/FTP alarm push
P2P	Android and iOS
Reset	Support hardware reset and unbinding P2P function
Local storage	
Storage	TF card storage（up to 128GB）
Local storage	High definition/standard definition options
Recording method	Manual recording, alarm recording
View recording	Support remote video play back
General protocol	
Network protocol	TCP/IP, HTTP, NTP, DHCP, UDP, SMTP, RTP, RTSP,ARP
ONVIF protocol	Standard ONVIF
Compatibility	Support access to platforms such as Hikvision,XM CMS,
Network interface	
Wired	10/100M RJ45 network interface
Other	
Power supply	12VDC@0.20A
Specifications	Encoding motherboard: 38x44mm, overall height: 60mm
Operation temperature	-30°C~60°C
Working humidity	0% -90% RH (non condensing)

1/2.8 2MP
sony IMX307

38mm

38mm

Interface	pin	Pin name	Functional parameter
J1	1	12VDC	DC power input, voltage range 5V-13.8V
	2	Gnd	Signal ground
	3	ETH_LED	Network indicator light interface
	4	WL	Soft photosensitive white light
	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	CDS_IN-IR	Hard light sensitive infrared
	10	IR	Soft photosensitive infrared
J2	1	IR-CUT＋	IRCUT signal +
	2	IR-CUT－	IRCUT 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