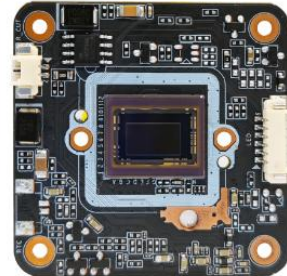
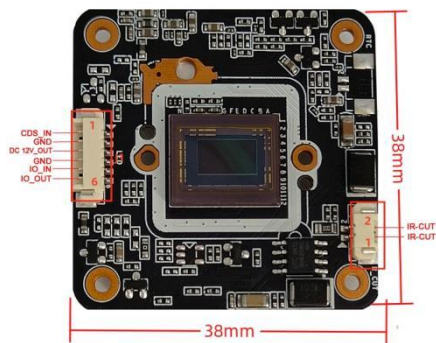
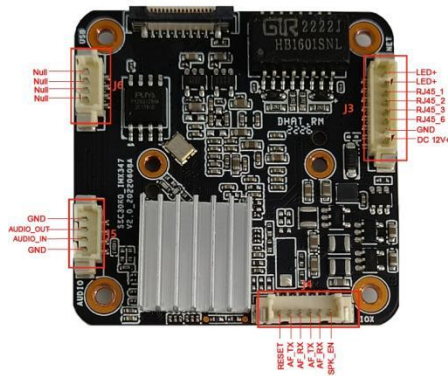


IMA40K45**4MP AI Black light HD Network Camera Module****Key Features:**

- 1/2.8" 5MP CMOS Sony IMX347 Sensor
- Maximum resolution up to 2592×1944@25fps
- True Day/Night, 3D DNR, Digital WDR
- Support Motion Detection
- Support AI human detection ,vehicle type detection , non-motor vehicle detection
- Support CDS control and PWM control
- Support the P2P on Android, IOS
- Support ONVIF2.6
- Support TCP/IP/HTTP/NTP/DHCP/SMTP/RTSP

Technical specifications:

Image Sensor	
Sensor	1/1.8" 4MP CMOS Sony IMX347
Maximum Resolution	2592 × 1944@25fps
Minimum illumination	Color: 0.01Lux B/W: 0.001Lux
Function	
AGC	Auto/Manual
S/N Ratio	≥50dB (AGC OFF)
Shutter Speed	1/2 - 1/20 ,000s, Slow shutter support
Wide Dynamic Range	Digital WDR
Day/Night Mode	
Exposure Mode	Auto/ Manual/shutter mode
White Balance	Auto/ Manual /ATW/ Indoor/Outdoor/ lamp
Day & Night	External control (IR Cut Filter)
Image Resolution	
Main Stream	2592 × 1944@25fps, 2688 × 1520@30fps
Sub Stream	720×480/D1/VGA/640×360@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
WIFI	Support
Other	
power supply	DC 12V
Size	42x42mm
operation temperature	-30 °C ~85 °C
Working humidity	≤90%RH(non-condensing)



Interface	pin	Pin name	Functional parameter
J1	1	DC12V	The DC power supply input, with a voltage range of 5V--13.6V
	2	GND	Power supply ground
	3	RJ45_6	Adaptive port, physical feed / signal (differential-)
	4	RJ45_3	Adaptive network port, physical feed / send signal (difference +
	5	RJ45_2	Adaptive port, physical feed / signal (differential-)
	6	RJ45_1	Adaptive network port, physical feed / send signal (difference +)
	7	LED+	Network indicator light interface
	8	LED+	Network indicator light interface
J2	1	RESTE	reserve
	2	AF_TX	AF automatic focusing interface
	3	AF_RX	NC
	4	AF_TX	reserve
	5	AF_RX	reserve
	6	SPK_EN	
J3	1	GND	Signal ground
	2	Audio_Out	Audio linear output interface
	3	Audio_In	Audio linear output interface
	4	GND	Power supply ground
	5		
J4	1	NULL	/
	2	NULL	/
	3	NULL	/
	4	NULL	/
J5	1	IR-CUT	Output+
	2	IR-CUT	Output-
J6	1	GDS_IN	
	2	GND	Power supply ground
	3	DC12V_OUT	DC12V output
	4	GND	Power supply ground
	5	IO_IN	reserve
	6	IO_OUT	Soft light sensitive warm light