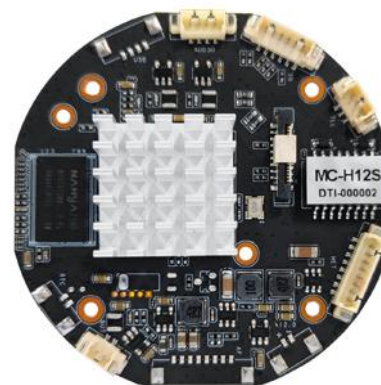


## A12S77

### 12MP Low illumination H.265 IP Camera Module

#### Features:

- 2T computing power
- 1/2.3" SONY 12MP CMOS sensor
- Support 2D/3D noise reduction, digital wide dynamic;
- Advanced H.265+ (Compatible with H.265/H.264) H.265, H.264 video compression
- Support image flipping and HDR
- Support ONVIF; access third party NVR;
- Support two ways audio, support voice broadcast;
- Support POE extension
- Support cloud technology, easy to achieve network penetration



#### Parameters:

Model	A12S77
Main control chip	SSC359 ARM CortexOA53 1.2GHz Plus 4G DDR
Sensor	12MP 1/2.3" SONY CMOS IMX577
Video compression	H.265 +(Compatible with H.265/H.264) , H.265, H264,support dual stream
Main stream output	Main stream: 25@FPS(4000*3000); 30@FPS(3840*2160,3072*2048,2592*1944); 60FPS@(2560*1440,2304*1296, 1920*1080, 1280*720);
Sub stream output	sub-stream: 720*480,D1,VGA,640*360;
Shutter	1/50(1/60)s to 1/10,000s
Day and night	Support IR-CUT,IR-CUT coil has an internal resistance of 20 ohms, the power-on time is less than 200ma, and the voltage is 3.5V-6V
Noise reduction	Support 2D/3D
Wide dynamic	Support digital Wide dynamic
Audio compression	G.711,support bidirectional talk, audio&video synchronization
Audio interface	1ch input,level:2Vp-p,impedance:1kΩ,support sound pick-up input;1ch output,impedance:16Ω,30mw,support microphone
Network interface	1*RJ45 10/100M adaptive Ethernet port; support HTTP/RTSP/FTP/DHCP/ONVIF/P2P etc.
Extension interface	Support external audio power amplifier, white light signal control, UART to expand other functions
Singal interface	One photo resistance interface, one IR-CUT interface ,support photo resistance signal and IR-CUT links to IR
PTZ	Optional
Motor interface	Optional
Alarm I/O	N/A
WIFI interface	N/A
Reset interface	Optional
SD Card	N/A
Reliability	Comprehensive lightning protection, 7 * 24 hours-20 to 70 °C temperature stable and reliable testing
Intelligence analysis	Supporting human detection, motion detection, and support to customize other intelligent functions
Standards	GB/T17626.5 , IEC61000-4-5
Network protocol	Support Onvif, GB28181、 RTMP protocol can be customized
Mobile monitoring	Support multiple mobile monitoring (iOS, Android)
Power	DC12V/2A input, power consumption:≤3W,
Dimension	Board1:38mm*38mm , Board2: Φ 6cm
Other	Support POE power supply. The drive voltage of the light board is at 3.3V