

5 Megapixel 38 modules TH38M2

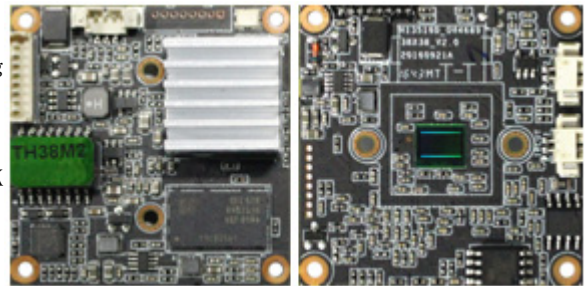
Specially designed for HD IPC, easy to install various housing, integrated switching optical filter, image sensor, encoding and transmission. Free client software support for record, preview, playback and NAT traversal and mobile monitor. Embedded NVR for high stable requirement system. Open SDK support for industry customer's secondary development. Support various network modes:

IPC ----- NVR ----- Seetong Cloud-----Seetong Client

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IPC ----- NVR ----- Seetong Cloud-----Seetong APP



38 single board, 5MP stellar, low illumination and power consumption and code stream. full netcom, 3D noise reduction, H.264/H.265 Hisilicon solution

Order	Specification	TH38M2 5MP Stellar 38 Module
1	System Structure	Embedded RTOS design, dual core;32 bits DSP(HI3516D), pure hardware compression, watch dog, 16MB FLASH, 2G DDR3;;
2	Sensor	1/3" CMOS (OV4689) , 0.001Lux@F1.2(color), 0Lux (IR ON); integrate IR-CUT drive, support linkage control between Sensor & IR-CUT& photosensitive& LED fill light, support day/night switch, IR-CUT(20mm) and lens mount optional (CS/M12);
3	Video Process	H.264/H.265 video coding, support dual stream, AVI format; code stream 500k~8M bps adjustable, support PAL and NTSC
4	Frame Rates	5MP@20 FPS, 2MP @30FPS, 1~30 FPS adjustable
5	Image Output	Main stream:2592×1944, 2592×1520, 2560×1440, 2048×1520, 2304×1296, 1920×1080, 1280×720;
		Sub stream:800×448, 720×480, 640×480, 640×360, 480×360, 352×288, 320×240, 352×192, 320×192, 288×192;
6	Audio Interface	1channel input, level:2Vp-p, Impedance:1k Ω , support pickup input; 1channel output, impedance 16 Ω , 30mw output power, support headset or amplifier play
7	Audio Process	G.711 CODEC standard, support dual voice talkback, audio and video synchronization
8	Network Interface	1*RJ45 Ethernet interface, 10/100M self-adaption, 8KV anti-static electric capacity; support RTSP/DHCP/NTP/ONVIF and so on network protocols, GB/T28181 protocol optional
9	LED Passive Interface	1* IR LED control input interface, 1*IRCUT interface, support linkage control between IR-CUT and image.
10	Optional Function	E(POE cable power supply), USB(only support WIFI function) or UART or IO or BL or RS485;
11	Business Functions	configure by WEB, OSD(on screen display), real-time video transmission, motion detection; support remote surveillance client software(Seetong); support mobile monitoring(Iphone, Android), support "Seetong" cloud service; provide complete SDK pack;
12	Others	DC12V power input interface, 1.9W power consumption, front end power input,

		light protection, anti-static, anti-inverse connect, support 18V turn off voltage protection; size :38×38×17mm, 12.8g, without housing PCBA, , 38 size single structure
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Remarks: 5 megapixel=2592×1944 or 2592×1920, 4 megapixel=2688×1512 or 2560×1440, 3 megapixel=2048×1536 or 2048×1520 or 2304×1296, 2 megapixel=1920×1080 or 1600×1200, 1.3 megapixel=1280×960, 1 megapixel=1280×720;