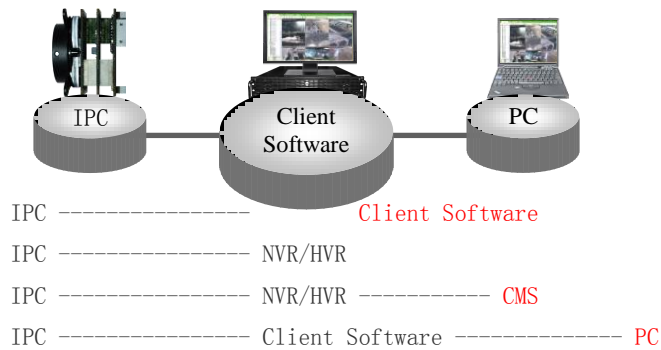


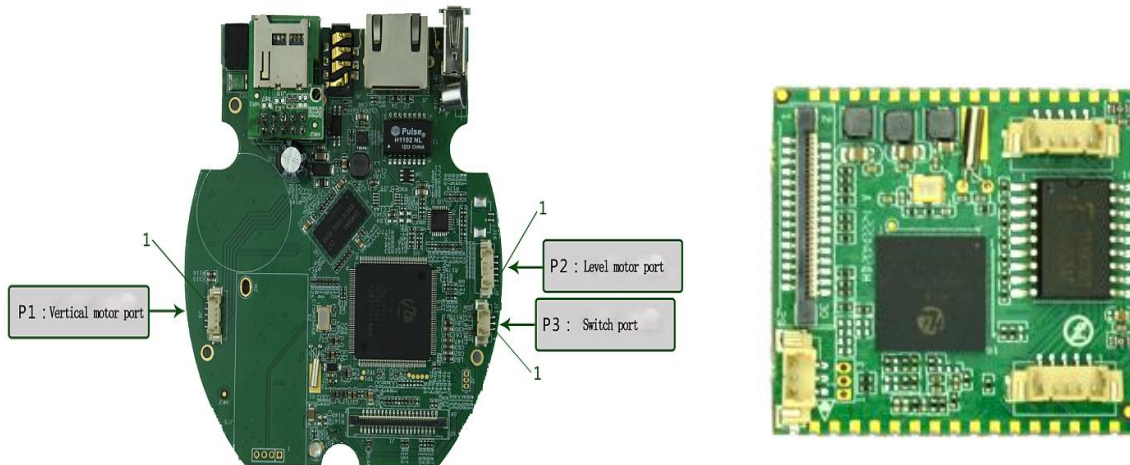
household robot IP camera module

1.0M/1.3 CMOS sensor is widely applied due to its high performance-price ratio, high definition is the developing trend of product, the popularity of 720P marked the beginning of security revolution. In order to provide HD solution with best performance-price ratio,we specially developed an HD IP module (50H10 series).Standard size is convenient to robot case installation, support to shift light filter, sensor, encode, transfer.Self enclosed with free CMS software to record/preview /playback, support wide area network transfer,provide NVR/HVR for special system with requirement of stability, provide MYEYE platform for central manage surveillance system, open SDK for 2nd development freely.

1. Application



2. Interface



3. Model

IPM-50H10PE-O(R),IPG-50H10PL-R, IPG-53H13PL-R

4. Specification

Model	IPM-50H10PE-O(R)	IPG-50H10PL-R	IPG-53H13PL-R
System	Embedded RTOS design, dual-core 32-bit DSP (Hi3518E), pure hardware compression, watchdog;	Embedded RTOS design, dual core DSP(Hi3518C), pure hardware compression, watchdog,	
Sensor	1/4" OV 9712 CMOS sensor, support Day/Night(IR cut optional), photoresistor signal linkage; support CS lens and DC drive auto iris lens; color 0.6ux@F1.2, B/W 0.08 Lux@F1.2	1/3" OV 0130 CMOS sensor, support Day/Night(IR cut optional), photoresistor signal linkage; support CS lens and DC drive auto iris lens; color 0.1ux@F1.2, B/W 0.001 Lux@F1.2	
Video	H.264 compression, support dual stream, AVI format, stream:0.1M~6Mbps; frame:1~30fps		
Resolution	Main stream:1280*720; Sub stream:704*576	Main stream:1280*720; Sub stream:704*576	Main stream:1280*720, 1280*960; Sub stream:704*576
Audio interface	1ch input, electrical level 2Vp-p, impedance 1kΩ, support pickup input; 1ch output, impedance 16Ω, 30mv output power, support to connect the headset or power amplifier		
Audio processing	G.711 standard compression, support two-way Bidirectional Talk, support for audio and video synchronization		
Network	1 x RJ45, 10/100M, support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP		
USB interface	One USB interface, support WIFI/3G		
Alarm input	1 channel		
Alarm output	1 channel		
Motor interface	1 level motor interface, 1 vertical motor interface, 1 limit switch		
SD card	Support, maximum 32G		
Function	Support WEB configuration, OSD, realtime video transmitting, support motion detect and IO alarm activated to remotely recording, screen pop up, message, playback and download, support JPEG capture, support CMS&MYEYE, SDK available		
ONVIF	Support		
Mobile Monitor	Support iPhone, Windows Mobile, BlackBerry, Symbian, Android		
other	DC 5V		
directions	IPM-50H10PE-O (R) is 36mm * 33mm core board module, with the expansion of its functions to achieve required floor use.		