

C5070PCB module



Features:




- PoE (Power over Ethernet) Built-in with IEEE 802.3af Class 0 support.
- Motion JPEG & MPEG-4 Dual Streaming video compression
- Excellent Image Quality with up to 30 frames per second in Full D1 resolution
- Two-way Audio
- Live video and audio monitoring via 2.5G/3G mobile phone or media adapter
- Software Integrated & UPnP
- Intelligent Motion Detection
- 802.11b/g Wireless connection (available soon)
- Wireless security: 64/128 bit WEP, WPA, WPA2
- Supports 3GPP/ISMA RTSP(Real Time Streaming Protocol)
- Optimize synchronization of Audio and Video
- Easy to install and configure

Technical Specification:

*M/O: Mandatory/Optional

	Technical Specifications	M/O	Comments
Dimension	50mm * 70 mm	M	
System	CPU: ARM9 based 32-bit RISC Speed: Up to 220 MHz	M	
Memory	Flash: 4MB SDRAM: 16 MB	M	
Operation system	Linux 2.4	M	
Networking	TCP/IP, HTTP, ARP, ICMP, FTP, SMTP, DHCP, SNMP, DNS, NTP, PPPoE, IGMP	M	
Video	Supports RTSP, RTP over TCP/UDP	M	

Transportation	Supports uni-cast & multicast		
Device discovery mechanism	UPnP	M	
Video Compression	MPEG-4 and MJPEG	M	Dual streaming
Video Resolutions	NTSC Up to 30 frames at 176x120 Up to 30 frames at 352x240 Up to 30 frames at 704x480 PAL Up to 25 frames at 176x144 Up to 25 frames at 352x288 Up to 25 frames at 704x576	M	
Digital Video Input	Image resolution: Format: YUV, RGB Frame rate: 30 fps	O	Supports OV-7670 CMOS sensor or equivalent now
Analog Video Input	Composite video input: NTSC/PAL S-video input	O O	Default: Composite
Analog Video Output	Composite video output: NTSC/PAL S-video output	O O	Default: Composite
Audio Input	Supported -- ADPCM, MP2, AMR-NB	O	In/Out same Codec
Audio Output	Supported -- ADPCM	O	In/Out same Codec
Built-in Microphone	Supported	O	Automatically disabled when Audio In is used
Alarm and event	Built-in motion detection Triggered and scheduled events	M O	
Security	ID/Password Authentication	M	
Wireless interface	802.11 b/g	O	Available in February
Wireless security	WEP(64 and 128 bits) WPA WPA2	M O O	WPA2 will be available by the end of February
Power	12V DC, Max. 2.6W	M	

PoE	Support Alternative A/B Class 0, Min 0.44W, Max 12.95W	O	Supports two types at the same time
3GPP/ISMA RTSP	Supported	O	Additional software license fee required.
LED indicator	· System Activity and Network link indicator · System power and Status indicator	M M	
Interface	1. Ethernet – RJ45 for 10/100 Base-T 2. 12V DC 3. RS232 4. RS485 for PTZ control 5. Analog video output 6. Analog video input 7. External Microphone input 8. Audio line output 9. I/O port for alarm	M M O O O O O O O	For LAN module, 12V DC input connector interface, not jack interface
Operating Environment	0 - 50 °C, humidity 20 - 80%	M	
EMI & Safety	  	M	