



- ◆ H.264/MJPEG dual codec simultaneously
- ◆ 1/3" CMOS in 1600x1200 Resolution
- ◆ Dual streaming, multiple profiles
- ◆ Supports IP address filtering, 3GPP
- ◆ Digital I/O for External Sensor and Alarm
- ◆ Mechanical ICR

## SPECIFICATION

Camera		IO and Connectors	
Sensor	2 Mega Pixel 1/3" CMOS sensor	LAN	1x RJ-45 connector with LED
Scan Method	Progressive	Alarm I/O	1x Alarm-in (2pin), 1x Alarm-out(3pin)
Lens	C-Mount/CS-Mount	Audio	1x Audio Line-in(3.5mm jack) 1x Audio Line-out(3.5mm jack)
Number of Effective Pixel	1600 x 1200	<b>Software</b>	
Minimum Illumination	0.1 Lux (AT 30 IRE F1.4 Lens)	Browser	Internet Explorer 6.0 or above
SNR(max)	42.3db	Application Software	VMS application software
White Balance	Auto	OS supported	Microsoft Windows 2000, XP, Vista, Windows 7
Gain Control	High/Middle/Low (3 steps selection)	<b>Features</b>	
Day and Night	ICR (Auto control by photo sensor; Manual control by CGI)	User Setting	
DNR	Yes	Date/ Time Setting	
Flicker Control	Off/50 Hz/60 Hz (3 steps selection)	Video image control	
Electronic Shutter	Auto/Slow Shutter (2X~16x / 5 steps selection)	Upload configuration	
<b>Video</b>		Dynamic DNS	
Video Compression	H.264 BP and MJPEG Dual codec, dual streaming, Multiple profiles	Motion Detection	
Video framerate	Dual Streaming(1280x720/30FPS + 640x352/30FPS) real time	IP Filtering	
Resolution	H.264: 1600x1200, 640x480/320x240/160x128 1280x720, 640x352/320x176/192x112 MJPEG: 1600x1200, 640x480/320x240 1280x720, 640x352/320x176	Events	
Bitrate control	CBR and VBR, 128kbps ~ 4Mbps	Triggered Actions	
Digital Zoom (PC side)	Yes, 1/2X, 2X, 4X	Blind Detection	
Image Rotation (PC side)	Mirror, Flip, Rotate 180	Privacy Mask	
<b>Audio</b>		<b>Open API</b>	
2-Way audio	Yes	CGI commands to control camera	
Compression	AMR, G.711@64kbps, G.726@32kbps/Configure bit rate	Media SDK to handle streaming	
<b>Network</b>		<b>Factory Default</b>	
Streaming Protocols	RTSP/RTP/UDP, RTSP/RTP/TCP, RTSP/RTP/HTTP tunneling, LAN Multicast, Multipart-JPEG	Button	
Supported Protocols	IPv4, HTTP, UDP, TCP ICMP, IGMP, ARP, DHCP, NTP, SMTP, FTP, SAMBA, UPnP, PPPoE, DNS, DDNS, RTSP, RTP, RTCP	<b>Power</b>	
3GPP Mobile Surveillance	Yes	Power	DC12V, DC12V/PoE, DC12V/AC24V(option)
<b>Processors and Memory</b>		<b>Physical properties</b>	
CPU	ARM9 SOC	Dimensions	158mm(W)x 58.8mm(H)x 64.9(D)mm
Flash and Memory	16MB ROM, 256MB DDRII RAM	Weights	
<b>External Storage</b>		<b>Operating Environment</b>	
External	1x Micro SD card	Operating temperature	-20°C~ 50°C
		Storage temperature	-30°C~ 60°C
		Storage humidity	0% ~ 95% Non-condensing
		<b>Approvals</b>	
		CE, FCC Class A. RoHS	

## DIMENSION DIAGRAM

