



- ◆ H.264/MJPEG dual codec simultaneously
- ◆ 1/3" CMOS in 1600x1200 Resolution
- ◆ Dual streaming, multiple profiles
- ◆ Day & Night
- ◆ 3GPP support

SPECIFICATION

Camera

Sensor	2 Mega Pixel 1/3" CMOS sensor
Scan Method	Progressive
Lens	3.6mm, F1.8
Number of Effective Pixel	1600 x 1200
Minimum Illumination	TBD Lux (AT 10IRE F1.8 Lens)
Dynamic Range	71db
SNR(max)	42.3db
Auto White Balance	Yes
Auto Gain Control	Yes
Backlight Compensation	On/off
Electronic Shutter	Auto, Slow Shutter (2X ~ 16X / 5 step selection)
Pan Coverage	-15° ~ +15°
Title Coverage	0° ~ 90°

Video

Video Compression	H2.64 BP and MJPEG Dual codec, dual streaming, Multiple profiles
Video framerate	Dual Streaming(1280x720/30FPS + 640x352/30FPS)
Resolution	H.264: 1600x1200, 640x480/320x240/160x128 1280x720, 640x352/320x176/192x112 MJPEG: 1600x1200, 640x480/320x240 1280x720, 640x352/320x176
Bitrate control	CBR and VBR, 128kbps ~ 4Mbps
Digital Zoom (PC side)	Yes, 1/2X, 2X, 4X
Image Rotation (PC side)	Mirror
DNR	Yes

Audio

Compression	AMR, G.711@64kbps, G.726@32kbps/Configure bit rate
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Network

Protocols	IP, TCP, UDP, ICMP, IGMP, ARP, DHCP, DNS, DDNS, NTP, RTP, RTSP, HTTP, Multicast, UPnP, SMTP, FTP, PPPoE, QoS
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Processors and Memory

CPU	ARM9 SOC
Flash and Memory	16MB ROM, 256MB DDRII RAM

IO and Connectors

LAN	RJ-45 connector x1
Audio	Internal MIC x 1

Software

Browser	Internet Explorer 6.0 or above
Application Software	VMS-64 application software
OS supported	Microsoft Windows 2000, XP, Vista, Windows 7

Features

User Setting
Date/ Time Setting
Video image control
Upload configuration
Dynamic DNS
Motion Detection
Events
Triggered Actions
Blind Detection
Privacy Mask

Open API

CGI commands to control camera
Media SDK to handle streaming

Factory Default

Button

Power

Power	DC12V, DC12V/PoE (option)
Power consumption	TBD

Physical properties

Dimensions	Φ107.1mm x 49.7mm
Weights	TBD

Operating Environment

Operating temperature	-10°C~ 50°C
Storage temperature	-20°C~ 60°C
Storage humidity	10% ~ 90% Non-condensing

Approvals

CE, FCC Class A, RoHS

DIMENSION DIAGRAM

