



- ◆ H.264/MJPEG dual codec simultaneously
- ◆ 1/3" CMOS in 1600x1200 Resolution
- ◆ 2 Way Audio Support
- ◆ Microphone and Speaker Embedded
- ◆ Micro SD Card Support
- ◆ PoE Power Over Ethernet IEEE802.3af (Option)
- ◆ Wireless (Option)
- ◆ PIR sensor & illumination LED (only on LTN18072)

SPECIFICATION

Camera

Sensor	2 Mega Pixel 1/3" CMOS sensor
Scan Method	Progressive
Lens	Pinhole lens 4.3mm
Number of Effective Pixel	1600 x 1200
Minimum Illumination	0.1 Lux (AT 10IRE F1.4Lens)
PIR Sensor	Max Range 5 m (only on LTN18072)
White illumination LED	1 W (only on LTN18072)
Horizontal Resolution	1000TLV
Synchronizing System	Internal
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)

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, 640x480/320x240/160x128 1280x720, 640x352/320x176/192x112
Bitrate control	CBR and VBR, 128kbps ~ 4Mbps
Digital Zoom (PC side)	Yes, 1/2X, 2X, 4X
Image Rotation (PC side)	Mirror/Hip/Rotate 180°
DNR	Yes

Audio

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

Streaming Protocols	RTSP/RTP/UDP, RTSP/RTP/TCP, RTSP/RTP/HTTP tunneling, LAN Multicast
Supported Protocols	IPv4, HTTP, TCP, ICMP, QOS, DHCP, NTP, SMTP, FTP, UPnP, PPPoE, DNS, DDNS

Processors and Memory

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

External Storage

Slot	Micro SD card slot x 1
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IO and Connectors

LAN	RJ-45 connector x1
Audio	Internal MIC x 1 Internal Speaker 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/PoE (option)
Power consumption	TBD

Physical properties

Dimensions	64(W) x 107.9(H) x 37.3(D) mm
Weights	98 g

Operating Environment

Operating temperature	-20°C~ 50°C
Storage temperature	-30°C~ 60°C
Storage humidity	0% ~ 95% Non-condensing

Approvals

CE, FCC Class A, RoHS

DIMENSION DIAGRAM

