



- ◆ **1600x1200 Resolution**
- ◆ **Dual codec & stream H.264 & JPEG**
- ◆ **Bi-directional audio communication**
- ◆ **Power-over-Ethernet Available**
- ◆ **IR LED Built-in , 12M Projective distance**
- ◆ **3GPP & Smartphone mobile surveillance**
- ◆ **Universal web surveillance**
- ◆ **Local recording to SD card**
- ◆ **Built-in I/O & vandal-proof casing**
- ◆ **Seamless SI with SDK resources**

## SPECIFICATION

### VIDEO

Sensor	1/3" Micron progressive scan CMOS (2M-Pixel)
Video Standard	Dual codec H.264 & JPEG, dual streaming support
Group of Picture (GOP)	I / IP, selectable 3 levels multiplier
Data Rate	Streaming 1: 32 kbps ~ 8 Mbps CBR, 1 ~ 10 levels VBR
Resolution & Frame Rate	1600x1200 15/15 FPS 1280x1024 22/22 FPS 1280x960 25/25 FPS 1280x720 30/30 FPS 800x600 30/30 FPS
Video Out	Composite: 1 x BNC, 75 ohm, 50 dB
ICR ( IR Cut Filter )	Embedded
IR LEDs	Built-in 18 IR LEDs , IR Distance-12M
Minimum Illumination	0 Lux (IR ON) , 1.0 Lux (IR OFF)
Imaging	
Contour	Brightness, Contrast, Saturation, Night Mode, BLC
Fine Tuning	BLC (Auto), AWB (Auto), AES (Auto)
Noise Reduction	Night Efficientor, selectable 4 levels
Zooming	Digital 4X
Mask	3 Areas

### AUDIO

Compression Format	ADPCM, bi-directional audio streaming
Audio Line Input / Output	1 / 1 RCA Type

### CPU MODULE

CPU	ARM 9, 32-bit RISC
RAM / ROM	128MB / 8MB

### ALARM

Alarm In / Out / Relay	1 x In, 1 x Relay Out (N.O. interval selectable)
Video Analytics	Video Motion Detection (VMD), 3 zones, 10 sensitivity
Triggering Reaction	Relay out, E-Mail, FTP, SD archiving
Pre / Post Event	5 / 10 sec recording

### NETWORK

Protocols	3GPP, DDNS, DHCP, FTP, HTTP, NTP, PPPoE, RTSP, SMTP, TCP/IP, UDP, UPnP
Ethernet	10/100 Base-T, auto sensing, RJ-45
PoE	IEEE 802.3af compliant
User Group	3 levels, maximum 20 users, 10 users simultaneously
Encryption	WEP 64 / 128-bit, WPA, PSK

## PACKING LIST

1pc	LTN23071 Main Unit
1pc	Power Adaptor
1pc	Quick Guide
1pc	Software CD

### LOCAL RECORDING

SD Card Storage *	VMD, network IP check, network disconnection recording
Format	AVI (H.264 / JPEG), JPEG
Control	Playback, file management

### REMOTE RECORDING

Mobile Surveillance	3G / 3G Symbian / Smartphone mobile & PDA phones
Web Surveillance	Web browser, manual, VMD, AVI, snapshot, playback

### GENERAL

Unit Configuration	Via web browser (reboot, factory default, synchronization)
Profile Management	Configuration values export & import
Firmware	HTTP mode, remote update
Authentication	ID, Password
Log Listing	System, VMD, Alarm
Certification	CE, FCC

### MECHANICAL

Lens Type & Mounting	Vari-focal 2.7 ~ 9.0 mm, auto iris, changeable
Weather Resistance	IP66
Vandal Proof	400 pounds
Dimension (ØxH)	137.0 mm x 93.7.0 mm
Weight	900 g

### ELECTRICAL

Input Voltage	DC 12V
Power Consumption	560 mA, 6.7W

### BROWSING REQUIREMENT

OS	Microsoft Windows 2000 / XP / 2003 / Vista / Windows 7
CPU	Intel Dual Core 1.66 GHz, 1024 MB RAM
Graphic	128 MB
Web Browser	Microsoft Internet Explorer 6.0 or above

### ENVIRONMENTAL

Operating	0 °C ~ 45 °C
Storage	-30 °C ~ 60 °C
Humidity	0 ~ 80% RH non-condensing

\* SD Card disc not included.

## ORDERING INFORMATION

Power Plug | US / EU / UK