

# WebEye E104

*"The Future of Remote Surveillance is Here"*



**The world smallest 4-channel  
Web Server Camera**

Internet homepage of WebEye E104



The WebEye E-104 is your solution for remote surveillance over the Internet. The E-104 is a four channel video (with audio support) server, and it can be easily integrated into your current security system.

In as little as five minutes, E-104 can be setup and begin broadcasting high quality images over the Internet. E104 uses the most advanced image compression technology to provide TV quality video over local networks or the Internet. Monitor your business from a centralized location or even from your living room! Four external BNC ports allow E-104 to be easily integrated into existing systems. The Wavelet compression technology provides crisp, court-admissible pictures that are up to 300% smaller than comparable JPEG images. We guarantee comprehensive technical support to help you set-up your system and get on with your life.

So check out the E-104, the future is here.

## KEY FEATURES

- Monitoring over Network
- Alterable 4.5 MB Flash Memory for Homepage Customization
- Max. 100 Simultaneous Users Support
- Audio Support (Audio Support Kit is Optional)
- RS 232 and RS 485 Port Support for Multiple P/TZ Control
- Embedded Linux OS For Excellent Stability and Less Downtime
- Wavelet Compression (30-300% greater efficiency than JPEG) for Higher Refresh Rate and Crisper Images
- 4 Channel Support
- External Sensors Support
- Digital Output Support
- Encryption Capability for Added Security
- E-Mail Function to Send Images when Sensors Triggered
- Easy Setting
- Dynamic IP (DHCP, Floating IP) support (when you use xDSL, Cable Modem)
- Accessible through Windows, Mac, Linux, and Unix

## IDEAL FOR

- Kindergarten and Educational Facilities
- Integration into Access Control Systems with Audio, Video, Multiple Sensor
- Traffic Cam
- Nanny Cam
- Remote Recording Capability for Central Monitoring and Recording
- Integration with Any Existing Analogue System for Remote Surveillance



**WebEye Manager**  
Program for Windows which enables Simultaneous Management, Monitoring, and Recording of Several WebEyes



**WebEye A10**  
(Audio Support Kit)  
Simultaneous Transmission of Video and Audio with RS232 Port

# WebEye E104

“Vivid Real-time Image on Internet”

## Specifications

### Hardware

32bit RISC Embedded processor  
Flash memory: 8Mbyte  
RAM: 16Mbyte  
OS: EmbeddedLinux

### Dimension

74mm x 95mm x 185mm, 650g

### Image ResolutionControl

720X486, 720X243, 360X243, 180X121  
90X60

### Image Compression

Compression Algorithm: Wavelet  
Compression Rate: 10:1 ~200:1

### Performance (on360X243)

Transfer Rate:Max up to 30fps(NTSC),  
25fps(PAL)

### Video Channel

NTSC or PAL video format are supported  
1Ch. Internal Video Output (Internal  
Camera)  
4Ch. External Video Input (BNC  
Connector)

### CCD Element

1/3 inch CCD, 410K pixels  
Lens mount: C/CS  
Sensitivity: 3Lux (F1.3)  
Auto iris: Electric shutter

### Standard Lens

C Mount, Fixed F1.3, Fixed 8mm

### Management and Software Upgrades

Remote System Configuration via  
Network  
Software Upgrades via Network

### Security

Password (Based User or Administration  
Authentication)  
IP-filtering (Secure Mode)  
Image Encryption

### Alarms and I/O

Software-controlled two alarms inputs  
Software-controlled one relay output  
Automatic E-mail function  
Automatic sending of images files  
through FTP

### MISC. function

High Quality Image Area Setting  
Image Quality Control (10 Levels)  
Periodic Sending of Images through E-  
Mail and FTP  
4.5 MB Flash Memory for Homepage  
Customization

### Power Supply (included)

Input: AC 100~240V, 50~60 Hz, 0.3A  
Output: DC 12V, 1.0A

### Browser

MS Internet Explorer Ver 5.0 or Later  
Netscape Ver 4.7 or Later  
JAVA Applet for non PC User (MAC  
or Unix)

### System Requirements

Processor: Pentium II 266 and above  
(Pentium III 500 recommended)  
Ram: 64 MB and above  
OS: Windows 98/Me/2000/NT

### Network

Protocol: TCP/IP, ARP, RARP, ICMP  
DHCP, FTP, SMTP, PPP, and PPPoE  
Line: 10-Base T Ethernet (RJ-45)

### PTZ control

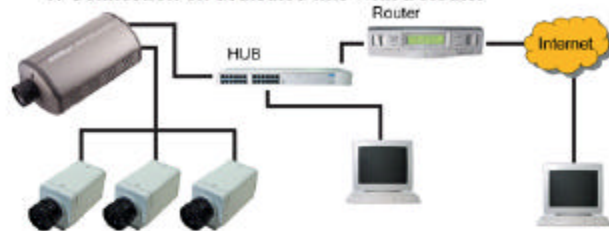
1 Ch. RS232, 1 Ch. RS485  
Multiple PTZ devices supported via  
RS485

### SDK Support (not for individual user)

Program that enables Various Applications

## Network Configuration Diagram

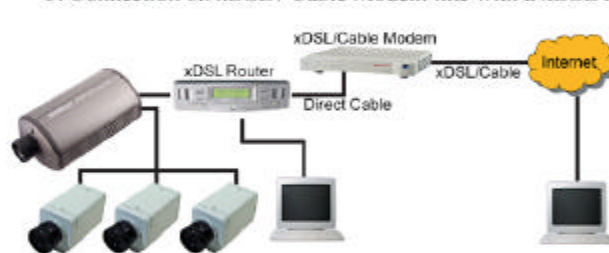
### 1. Connection on dedicated line with a Router



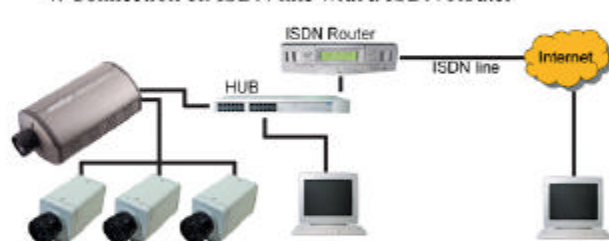
### 2. Connection on xDSL / Cable / PSTN Modem line



### 3. Connection on xDSL / Cable Modem line with a xDSL Router



### 4. Connection on ISDN line with a ISDN Router



### 5. Connection with external devices



### 6. Connection to PSTN Network



Rear View

—\*Specifications are subject to change without notice\*—

Distributed by :

**WEBGATE INC.**  
Connectivity Leader

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