

WebEye B106

“Put your CCTV Camera on Internet”



The WebEye B-106 is the solution for existing CCTV camera surveillance over the Internet. The B-106 is a six-channel video (with audio support) server, and it can be easily integrated into current CCTV camera.

In as little as five minutes, B-106 can be installed to your existing CCTV camera and begin broadcasting high quality images over the Internet. B-106 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! An external BNC port allows B-106 to be easily integrated into existing CCTV camera. You can control your CCTV camera such as panning, tilting and zooming to get clear image through B-106. The Wavelet compression technology processes analogue video into 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.

With B-106, your existing CCTV camera is to be controlled and accessed without geographical limitation. Now, your CCTV camera is on Internet.



Specification

Hardware

32bit RISC Embedded Processor
Flash Memory: 8MB
RAM: 16MB SDRAM
ROM: 64KB
OS: Embedded Linux

Dimension

40mm x 220mm x 240mm (H x W x L), 1.25kg

Image Resolution Control

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

Image Compression

Compression Algorithm: Wavelet
Compression Rate: 20:1 ~ 300:1
Compression Speed: Max up to 30fps/1 channel, 6fps/6 channels

Performance (on 360X243)

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

Video Channel

NTSC or PAL Video Format Supported
6Ch. External Video Input (BNC Connector)
No Internal Video

Management and Software Upgrades

Remote System Configuration via Network
Software Upgrades via setup program and ARP command

Security

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

Alarms and I/O

Software-controlled six alarms input
Automatic E-mail function
Automatic sending of images files through FTP
6 Digital Input (Coupler), 6 Digital Output (Relay)

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
Audio Support via RS232 Port

Power Supply

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

System Requirements

Processor: Pentium II 266 and above (Pentium II 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: Two 10-Base T Ethernet (Network, Loop: Stackable up to 3 boxes only with 1 IP)

PTZ control

RS232, RS485/RS422

SDK Support (not for individual user)

Program that enables Various Applications

Application Service

WRS (WebEye Registration Service)	Service that helps User find Dynamic IP easily at Dynamic IP Registration Server (www.webeve.to), when WebEye is connected on xDSL or Cable Modem
RDS (Redistribution Service)	Service that offers images to hundreds of people simultaneously without lowering speed
WNS (WebEye Naming Service)	Service that endows WebEye with Domain Name and maps between IP Address and Domain Name

Ideal for

- Integration with Any Existing Analogue CCTV Camera for Remote Surveillance
- Integration into Access Control Systems with Audio, Video, Multiple Sensor
- Remote Recording Capability for Central Monitoring and Recording
- Bank
- Department Store
- Factory / Warehouse
- Traffic Cam

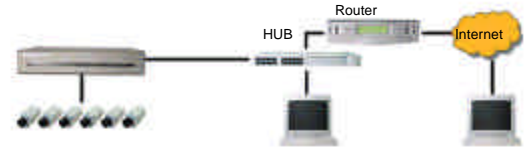
Key Features

- Monitoring through existing CCTV camera over Internet
- 4.5 MB Flash Memory for Homepage Customization
- Max. 100 Simultaneous Users Support
- RS 232 and RS 485/RS422 Port Support for PTZ Control
- Audio Support (Audio Support Kit is Optional)
- Embedded Linux OS For Excellent Stability and Less Downtime
- Wavelet Compression (30-300% greater efficiency than JPEG) for Higher Refresh Rate and Crisper Images
- 6 Channel Support
- 6 External Sensors Support
- S/W Motion Detection (each channel)
- Encryption Capability for Added Security
- E-Mail & FTP Function to Send Images when Sensors Triggered
- Easy Setting
- Dynamic IP (DHCP, Floating IP) support (when you use xDSL, Cable Modem, and PSTN)
- Accessible through Windows, Mac, Linux, and Unix

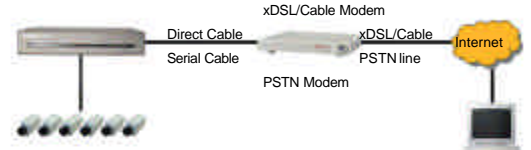
* ---Specifications are subject to change without notice---

Network Configurations

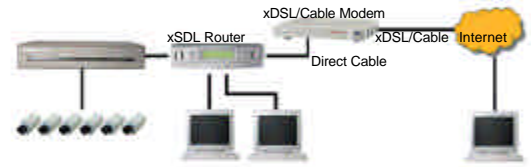
1. Connection on dedicated line with a Router



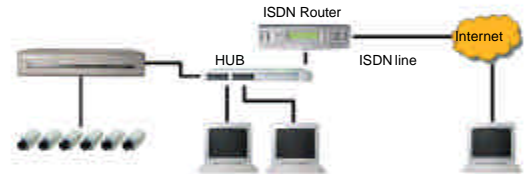
2. Connection on xDSL/Cable/PSTN Modem line



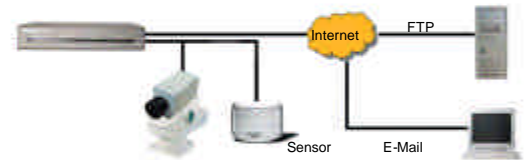
3. Connection on xDSL/Cable Modem line with a xDSL Router



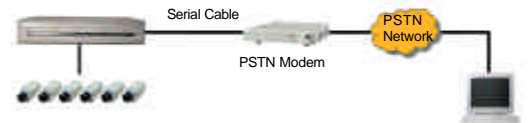
4. Connection on ISDN line with a ISDN Router



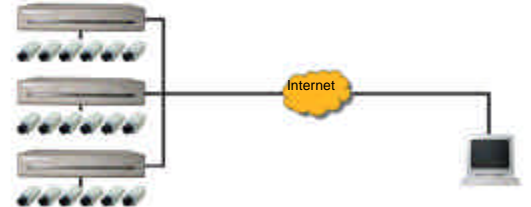
5. Connection with external devices



6. Connection to PSTN Network



7. Stackable up to 3 boxes



Optional Products



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



WebEye A10
Simultaneous Transmission of Video and Audio with RS-232 Port of Several WebEyes

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