WebEye E-20

"Remote Surveillance Camera of Professional"

WebEye™ E20 Web Server Camera

The WebEye E-20 is the professional solution for remote surveillance over the Internet. The E-20 is a two-channel video (with audio support) server, and it can be mounted with a zoom lens without aid of a PTZ controller.

E-20 is to be mounted with a zoom lens (DC iris type) directly onto itself and controlled without the aid of PTZ controller. With aid of back-focusing mechanism, it is very easy to focus the zoom lens. And E20 may be utilized for various purposes, because lens is separated from E20 easily. In as little as five minutes, E-20 can be set and begin broadcasting high quality images over the Internet.

E-20 uses the most advanced image compression technology to provide TV quality video over local networks or the Internet. Monitor your important equipment from a centralized location. An external BNC port and terminal blocks allows E-20 to be easily integrated remote system. 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.

Rear View

WebEye E20   *"Vivid Real-time Image on Internet"*

Specifications

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

Dimension
63mm x 69mm x 136mm, 400g

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

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

Performance (on 360X243)
Transfer Rate: Max up to 30fps(NTSC)
25fps(PAL)

Video Channel
NTSC or PAL video format are supported
1Ch. External Video Input / Output
(BNC Connector)

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

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
Sending e-mail automatically
Sending the images files through FTP automatically

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
Zoom Lens (DC iris type) Support through Built-in Control Board
Auto Iris Lens (DC iris type) Support
Audio Support via RS232 Port

Power Supply (included)
Input: AC 100~240V, 50~60 Hz, 0.3A
Output: DC 12V, 1.5A

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
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.webeye.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 Info

- Integration with Any Existing Analogue System for Remote Surveillance
- Integration into Access Control Systems with Audio, Video, Multiple Sensor
- Remote Recording Capability for Central Monitoring and Recording
- Central Control Room of ISP
- Engine Room of Factory / Furnace
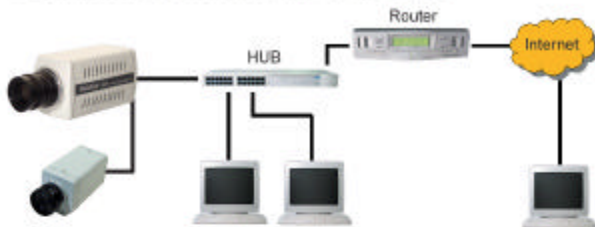- Unmanned Relay Base of Communication facilities

Key Features

- Monitoring over Network
- 4.5 MB Flash Memory for Homepage Customization
- Max. 100 Simultaneous Users Support
- Zoom Lens Support with Integrated Control Board
- 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
- 2 Channel Support
- 2 External Sensors Support
- S/W Motion Detection
- 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 Configuration Diagram
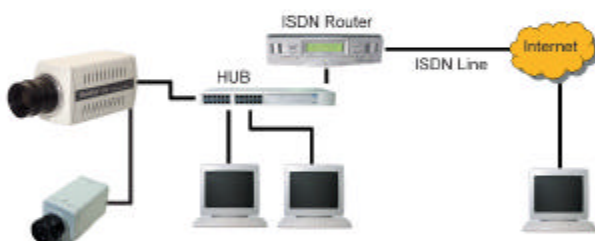
1. Connection on dedicated line with a Router

2. Connection on xDSL / Cable / PSTN Modem line

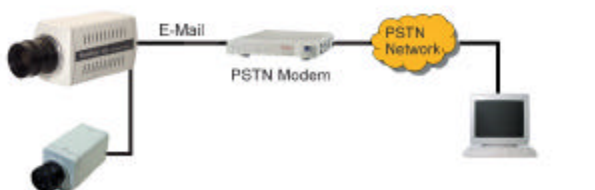3. Connection on xDSL / Cable Modem line with a xDSL Router

4. Connection on ISDN line with a ISDN Router

5. Connection with external devices

6. Connection to PSTN Network

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