

# WebEye SPD-160



## Web Server Camera with Built-in Pan/Tilt/Zoom

The WebEye SPD-160—Nothing Even Comes Close. Picture quality is immaculate and 64 presets allow fast positioning. The powerful 128X zoom lens enables reading of license plates from two football fields away, and the lens is rated at 0.5Lux for superb clarity in low light settings. The Web Server is attached to the dome camera for compact design, and the SPD can send images more efficiently since it uses Wavelet compression. This means more frames per second, up to 45 frames per second in a LAN with Windows 2000 OS and up to 30 frames per second through the Internet. Installation to the Internet takes minutes and full 360 degrees in less than a second is available at your fingertips.

Seeing is believing. Contact your WebGate Inc representative for a demonstration today.

### 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)
- Embedded Linux OS For Excellent Stability and Less Downtime
- Wavelet Compression (30-300% greater efficiency than JPEG) for Higher Refresh Rate and Crisper Images
- 128 Times Zoom (16 X Optical, 8X Digital)
- 64 Presets for Instantaneous Positioning
- 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

- Parking Lots
- Factories
- Outdoor Spaces (Environmental Housing Available)
- Large Commercial Properties
- Casinos or Any Locations where Fast Positioning is Required for Surveillance
- Any Wide Open Locations

# WebEye SPD160

“Chase and Capture All But Air”

## Specifications

### Hardware

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

### Dimension

Ø160 x 201mm (Dome Ø132 mm),  
2.1Kg

### Image Resolution Control

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)

### CCD Element

1/3 inch CCD, 410K pixels  
NTSC or PAL Video Format  
Focus: Auto / Manual  
Electronic Shutter: Auto / Manual  
(1/60 to 1/10,000 12 steps)  
Slow Shutter: Auto (1/30 to 1/2) / Off

### Lens

Minimum Illumination: 3Lux / 0.5Lux  
(Slow Shutter Mode)  
Minimum Focus Distance: 1,000mm  
(Tele End)  
Maximum Relative Aperture: Wide  
1:1.4, Tele 1:2.7  
Focal Length: f3.9mm to 62.4mm 16x  
optical lens / 8x digital zoom

### 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  
Automatic E-mail Noticing Function  
Automatic Sending of Images Files  
through FTP  
Analog Video Output(BNC connector)

### 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

Input: AC 24V, 50~60 Hz(SAC-24CK),  
AC 120V, 50~60 Hz(SAC-1600NK),  
AC 220V, 50~60 Hz(SAC-1600PK)  
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 Mechanism

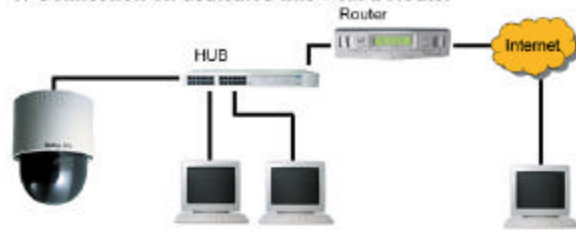
Pan Speed: 0.8° ~ 120°/sec.  
Tilt Speed: MAC. 120°/sec.

### SDK Support (not for individual user)

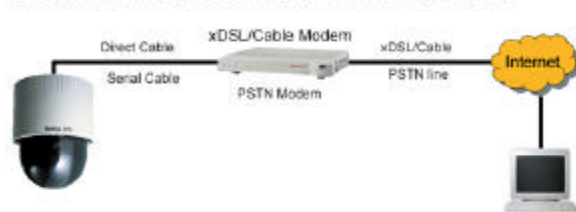
Program that enables Various Applications

## Network Configuration Diagram

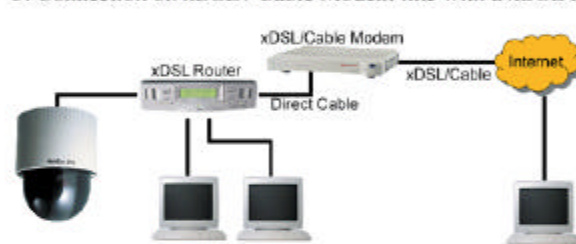
### 1. Connection on dedicated line with a Router



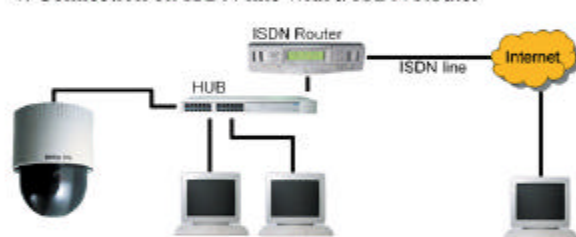
### 2. Connection on xDSL / Cable / PSTN Modem line



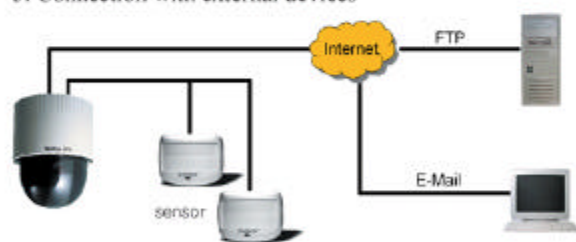
### 3. Connection on xDSL / Cable Modem line with a xDSL Router



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



### 5. Connection with external devices



### 6. Connection to PSTN Network



## Application Service

### WRS (WebEye Registration Service)

Service that helps User find Dynamic IP Registration  
Server ([www.webeve.to](http://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



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



**WebEye A10**  
(Audio Support Kit)  
Simultaneous Trans-  
mission of Video and  
Audio with RS232  
Port

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

Distributed by :

**WEBGATE INC.**  
Connectivity Leader

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