

## Cisco WVC200 Wireless-G PTZ Internet Video Camera: Audio Cisco Small Business Video Surveillance Cameras

Flexible, Remote-Controlled Wireless Video Solution for Your Small Business

### Highlights

- Wirelessly sends high-quality live video to your network
- Pan/tilt/zoom gives flexible control remotely from a web browser
- Automatically sends email alerts with video clips upon motion detection
- Supports up to 10 simultaneous users

**Figure 1.** Cisco WVC200 Wireless-G PTZ Internet Video Camera - Audio



### Product Overview

The Cisco® WVC200 Wireless-G PTZ Internet Video Camera (Figure 1) sends live video through the Internet to a web browser anywhere in the world.

The advanced MPEG-4 video compression produces a high-quality, high-frame-rate (up to 640 by 480) video stream. MPEG-4 encoding facilitates good video quality in varying-bandwidth environments. The Cisco WVC200 also supports MJPEG compression for video, providing good video quality at high-bandwidth rates. Snapshots of the image (in JPEG format) can be taken and saved. Snapshots can also be scheduled and sent to an FTP server.

If you want the video to be visible from a remote location or from the Internet, you can open an appropriate port on the router and create password-protected accounts to manage access to the camera, or provide open access to everyone. Support for Dynamic DNS (DDNS) lets you access your camera using an easy-to-remember name, even while using a dynamic IP address. The pan, tilt, and digital zoom functions allow you to remotely control the camera movement and focus, giving you maximum remote flexibility. Up to 10 simultaneous users can access the camera at any time. Software is included for monitoring multiple cameras and recording to your hard drive, with advanced search by time and date. Recording can be set up to start when motion is detected or can be started manually or according to a schedule. Playback is available on Windows Media Player, with no need for a proprietary player.

You can also enable security mode, which tells the camera to send a message with a short attached video to up to three email addresses whenever it detects motion in its field of view. You can then log in to the live video stream if the situation warrants.

## Features

- Pan, tilt, and 2x digital zoom
- Complementary metal-oxide semiconductor (CMOS) sensor with glass lens
- Dual codecs (MPEG-4 and MJPEG) for selectable compression
- Captures video and audio (with built-in microphone) to your hard drive
- Built-in web server for remote access with on-screen “users connected” information
- Supports Universal Plug and Play (UPnP) for easy discovery on the network
- DDNS support
- Supports up to 10 simultaneous users
- Motion-triggered event that sends out video clip to up to four email addresses
- LCD screen displays full IP address
- Includes software for monitoring and recording up to 16 cameras simultaneously

## Specifications

Table 1 gives the specifications, package contents, and minimum requirements for the Cisco WVC200 Wireless-G PTZ Internet Video Camera.

**Table 1.** Specifications for the Cisco WVC200 Wireless-G PTZ Internet Video Camera—Audio

| Specifications             |   |
|----------------------------|---|
| <b>Standards</b>           | IEEE 802.11g, IEEE 802.11b, IEEE 802.3, IEEE 802.3u, IEEE 802.11e (wireless QoS)  |
| <b>Protocols supported</b> | TCP/IP, HTTP, Dynamic Host Configuration Protocol (DHCP), Simple Mail Transfer Protocol (SMTP), FTP, Network Time Protocol (NTP), DNS, UPnP, and DDNS |
| <b>Ports</b>               | Ethernet, antenna, microphone, power  |
| <b>Buttons</b>             | Reset   |
| <b>Cabling type</b>        | Unshielded twisted pair (UTP) Category 5  |
| <b>LEDs</b>                | Power, Ethernet, Wireless-G   |
| Lens                       |   |
| <b>Sensor</b>              | 1/5-in. CMOS  |
| <b>Illumination</b>        | 2 lux at f2.0   |
| <b>Focal length</b>        | 500 mm~infinity   |
| <b>Field of view</b>       | 60°   |

|   |  |
|---|--|
| <b>Video resolution</b>                     | 640 x 480, 320 x 240, 160 x 120  |
| <b>Frame rate</b>                           | Up to 30 frames per second   |
| <b>Camera Control</b>                       |  |
| <b>Auto patrol</b>                          | 9 user-defined preset points   |
| <b>Pan</b>                                  | ± 67°  |
| <b>Tilt</b>                                 | -34° (down) to +30° (up)   |
| <b>Setup, Configuration, and Management</b> |  |
| <b>User interface</b>                       | Built-in web user interface for easy browser-based configuration (HTTP)  |
| <b>Web browser support</b>                  | <ul style="list-style-type: none"> <li>• Internet Explorer 5.x or later</li> <li>• Limited support for Netscape and Firefox</li> </ul>                         |
| <b>Logging</b>                              | Event logging  |
| <b>Upgrades</b>                             | Firmware upgrades available from web browser   |
| <b>Monitoring and recording software</b>    | Monitoring and recording for up to 16 cameras. Advanced search by histogram or by time and date. Motion-triggered, manual, or scheduled recording and playback |
| <b>Video</b>                                |  |
| <b>Dual codecs</b>                          | MPEG-4 simple profile, MJPEG   |
| <b>Snapshot</b>                             | JPEG   |
| <b>Modulation</b>                           | National Television System Committee (NTSC) and Phase Alternating Line (PAL)   |
| <b>Image position</b>                       | Flip and mirror  |
| <b>Image settings</b>                       | Brightness and contrast  |
| <b>Motion detection</b>                     | Send video clip to an email address upon motion detection  |
| <b>Audio</b>                                |  |
| <b>Compression</b>                          | G.726  |
| <b>Sampling rate</b>                        | 8 kHz  |
| <b>Default bit rate</b>                     | 16 kbps  |
| <b>Security</b>                             |  |
| <b>Wired Equivalent Privacy (WEP)</b>       | WEP 64 bit/128 bit   |
| <b>User list</b>                            | User rights list to view video and to control camera functions   |
| <b>Username/password</b>                    | Login authentication with up to 20-character username and 8-character password   |
| <b>Network</b>                              |  |
| <b>NTP</b>                                  | Synchronizes camera date and time with your network  |
| <b>SMTP client</b>                          | Allows video clips to be emailed   |
| <b>FTP client</b>                           | Facilitates scheduling transfer of images to an FTP server   |
| <b>DDNS</b>                                 | Facilitates accessing the camera by name, irrespective of the IP address   |
| <b>UPnP</b>                                 | Allows autodiscovery of the camera by other UPnP devices   |
| <b>Environmental</b>                        |  |
| <b>Dimensions<br/>W x H x D</b>             | 1.26 x 7.83 x 6.89 in.<br>(32 x 199 x 175 mm)  |
| <b>Weight</b>                               | 1.01 lb (458 g)  |
| <b>Power</b>                                | 5V DC 2.5A switching power supply  |
| <b>Certification</b>                        | FCC, CE, and UL  |
| <b>Operating temperature</b>                | -32° to 113F (0° to 45°C)  |
| <b>Storage temperature</b>                  | -4° to 140F (-20° to 70°C)   |
| <b>Operating humidity</b>                   | 10% to 80%, noncondensing  |
| <b>Storage humidity</b>                     | 0% to 90%, noncondensing   |
| <b>Package Contents</b>                     |  |

|  |
|--|
| <ul style="list-style-type: none"> <li>• Cisco WVC200 Wireless-G PTZ Internet Video Camera</li> <li>• Network cable</li> <li>• Power adapter</li> <li>• Stand</li> <li>• CD-ROM with setup wizard and user documentation</li> <li>• Registration card</li> </ul>   |
| <b>Minimum Requirements</b>  |
| <ul style="list-style-type: none"> <li>• Wired or wireless 802.11b or 802.11g network</li> <li>• Network adapter with Ethernet network cable and TCP/IP installed on each PC</li> <li>• Switch/router to support multiple connection points</li> <li>• Internet Explorer 5.x or later with ActiveX support for viewing</li> <li>• Microsoft Windows XP, 2000, ME, or 98SE</li> <li>• 1 GHz Pentium 4 or AMD Athlon class CPU with 128 MB RAM</li> <li>• 32-MB AGP video adapter</li> </ul> |
| <b>Works With</b>  |
| <ul style="list-style-type: none"> <li>• Cisco SRW248G4 48-Port 10/100 + 4-Port Gigabit Switch with WebView</li> <li>• Cisco WRV200 Wireless-G VPN Router with RangeBooster</li> <li>• Cisco WAP200 Wireless-G Access Point with Power over Ethernet and RangeBooster</li> </ul>   |
| <b>Product Warranty</b>  |
| 3-year limited hardware warranty with return to factory replacement and 90-day limited software warranty   |

### Cisco Limited Warranty for Cisco Small Business Series Products

This Cisco Small Business product comes with 3-year limited hardware warranty with return to factory replacement and a 90-day limited software warranty. In addition, Cisco offers software application updates for bug fixes and telephone technical support at no charge for the first 12 months following the date of purchase. To download software updates, go to:

<http://www.cisco.com/go/smallbiz>.

Product warranty terms and other information applicable to Cisco products are available at

<http://www.cisco.com/go/warranty>.

### For More Information

For more information on Cisco Small Business products and solutions, visit:

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