AXIS 2110
Network Camera
Your Virtual Eye

The AXIS 2110 Network Camera is an affordable tool for creating high-quality imaging applications using the Web. The AXIS 2110 enables publishing of promotional live video over the Internet, broadcasting of live events, remote monitoring of the office, and much more. It connects as a standalone unit directly to a network, or modem, to generate images that can be viewed within a standard Web browser - from anywhere.

Unlike a simple Webcam, it includes a built-in Web server and plugs directly to a network, or modem - with no PC or additional software required. Complete with a quality manual zoom lens, it can be used indoors, or installed into a weatherproof enclosure for outdoor usage.

- Remote Monitoring and Web Attraction
- In- and outdoor use
- Zoom lens
- High-quality images - up to 15 frames/sec

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Product Features

- Quick and easy installation: Simply connect to your network and assign an IP-adress.
- Built-in Web Server and network interface. No PC needed for operation.
- Up to 15 frames/sec.
- 10/100 MBit Ethernet connection.
- Compatible with operating systems such as Windows 95, Windows 98, Windows 2000, Windows NT, WIndows ME, Linux and Mac OS and Mac OS X
- Accepts Dial-in and Dial-out access via external modem (modem not included).
- Event triggered remote image storage via e-mail and FTP.
- High speed hardware-based image compression, generating high quality JPEG images.
- Password/username protection for restricted camera access.
- Bandwidth control prevents data saturation on the network. 15 frames/sec. typically requires about 1.5 Mbit/sec.
- Flash memory for simple upgrades.
- Linux-based operating system

System Requirements

- Internet Explorer 4.x, 5.x, 6.x or Netscape Navigator 4.x. Non-network, i.e. modem installation requires Windows PC with Dial-up networking.

Operating Environment

- Requires proper environmental housing for outdoor use, 40–105°F (5–40°C). 20–80% RHG, non-condensing.
- The manual iris lens must be used and correctly configured for use in environments where strong light conditions prevail. Avoid aiming the camera directly towards extremely bright objects such as the sun, as this may damage the CCD image sensor.

Image

- JPEG still images and Motion-JPEG video.
- 4 levels of compression are available. The file size of a JPEG compressed image depends on the actual content of the image. Images containing a lot of detail will generate larger files. Image quality is controlled through the level of compression. High compression yields smaller files at the expense of image quality, while low compression results in larger files, but maintains image quality. The table below shows average file sizes, derived from real life tests.

Resolution	Compression Level			
	Lowest	Low	Medium	High
640x480	250kb	20kb	13kb	8kb
320x240	70kb	8kb	5kb	3kb

Hardware

- Digital, 24-bit color.
- ❶ Image sensor: Sony 1/4" inch HAD RGB progressive scan CCD.
- HxV: 640x480.
- Backlight Compensation.
- Automatic AGC.
- White Balance: Automatic, Fixed Indoor, Fixed Fluorescent, Fixed Outdoor, Hold.
- Exposure times 1-1/30.000s.
- Illumination range: 1-200,000 Lux.
- 8 MB RAM .
- 2 MB FLASH PROM
- ETRAX 100 LX, 32 bit RISC, 100 MIPS CPU.
- Hidden push-key for focus and factory defaults.
- ❷ Lens: Tamron standard CS mount 3.5-8mm, F 1.4 vari-focal zoom lens (2.3x) with manual iris (equivalent to 30-80 mm on a standard 35mm camera).
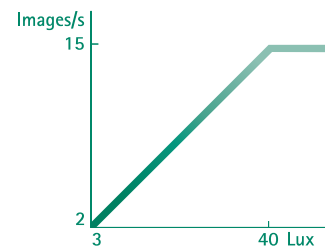
Supported Protocols

- Including TCP/IP, HTTP, FTP, SMTP, ARP, BOOTP, PPP, CHAP, PAP, DHCP and more

Connections

- ❸ RJ 45 Twisted Pair cable, 10/100 MBit Ethernet network connection.
- ❹ Input/Output connectors to trigger the camera on external events.
- ❺ Modem connection RS-232 modem connector for dial-up use. Supports most V90 modems.
- ❻ External power supply 12V AC (included). Power consumption max 7W.

Light Condition Adaptive Frame Rate

Metrics

- Height: 1.6 in (4.1 cm).
- Width: 4.0 in (10.2 cm).
- Length: 6.9 in (17.5 cm).
- 0.6 lb. (0.26 kg), excl. powersupply and tripod.

Approvals

- EMC: EN 55022 class B, EN55024. FCC Class A.
- Safety: EN 60950, UL, CSA.

Accessories Included

- Null modem cable.
- Power supply: 12V AC, 9.6 VA.
- Power cord extension cable.
- I/O connectors.
- Rugged metal tripod.

For more information visit our website: www.axis.com

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