

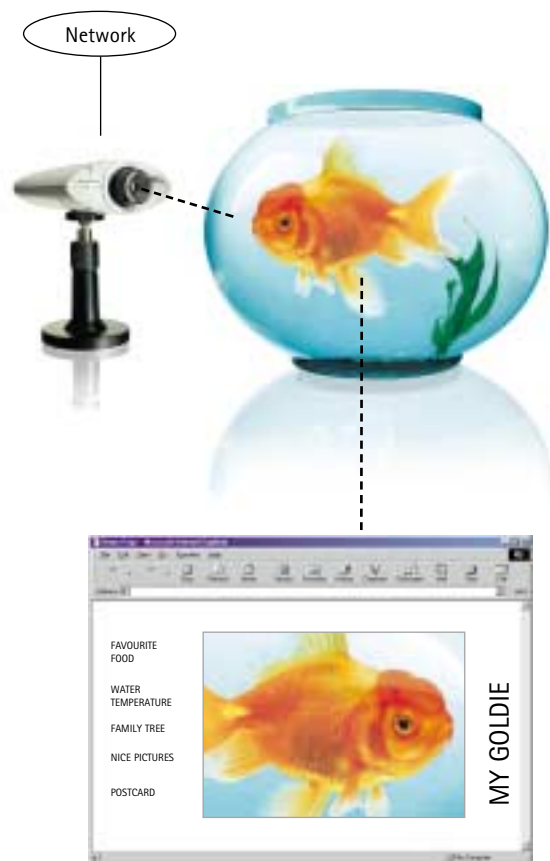


AXIS 2100 Network Camera

Live web images unleashed

Crisp, quality images and streaming video from anywhere on your network.

The AXIS 2100 Network Camera is a digital camera with direct network attach! No PC required – the camera operates stand-alone and can be placed wherever there is a LAN connection or an available modem. It even contains a high performance web server, so you can put the camera directly on the internet!



- Built-in Web Server and network connection
- Place a camera wherever you want it – No PC required for operation
- View live images from any network-connected PC
- Monitor your house or office over the Internet
- Audio functionality available in combination with the AXIS 2191 Audio Module

AXIS[®]
COMMUNICATIONS

Technical Specification – AXIS 2100 Network Camera

General

- Built-in Web Server and network interface. No PC needed for operation.
- Linux-based operating system.

Installation

- Quick and easy installation – connect to your network, assign an IP address, it's completed in less than a minute. The included null modem cable enables set up without a network.

Camera

- Digital, 24-bit color.

Image sensor

- 1/4 inch Sony progressive scan RGB CCD.
- HxV: 659x494.
- Resolution (pixels): 640x480

Exposure

- Backlight compensation.
- Automatic AGC.
- White Balance: Automatic and Preset: Fixed Indoor, Fixed Fluorescent, Fixed Outdoor, Hold.
- Exposure times: 1-1/30,000s.

Sensitivity

- Maximum Illumination: 10,000 Lux.
- Minimum Illumination: 3 Lux.

Lens

- Replaceable standard CS mount lens.
- Focus 0.5 mm to infinity.
- 4.0 mm lens, equivalent to 35 mm on a standard camera with aperture F 2.0.

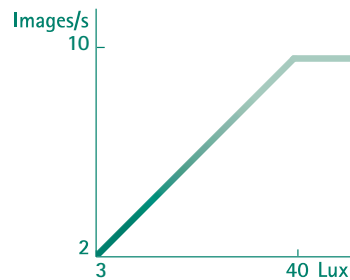
Image

- Image frame rate: up to 10 frames/second.
- JPEG still images and Motion-JPEG video.
- High-speed hardware-based image compression, generating high quality JPEG images.
- 5 levels of compression available. The file size of a JPEG compressed image depends on the actual content of the image. Images containing much detail will generate larger files. Image quality is controlled through the level of compression. High compression yields small files while low compression maintains higher image quality at the expense of larger files. The table below contains average file size in Kbytes, derived from real life tests.

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

- 10 frames/second typically requires 1 MBps (maximum bandwidth limit can be set to prevent network saturation).

Light Condition Adaptive Frame Rate



General I/O

- Input/Output connector to trigger the camera on external events, e.g., a door sensor with a solenoid.
- Accepts Dial-in and Dial-out access via external modem (modem not included)
- Event triggered remote image storage via e-mail and FTP.

System Requirements

- Compatible with operating systems such as Windows 98, Windows 2000, Windows XP, Windows NT, Windows ME, Linux, Mac OS and Mac OS X.
- 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.

Supported Protocols

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

Security

- Can be password protected, or open to the entire world.

Hardware

- ARTPEC-1 compression chip.
- ETRAX 100, 32 bit RISC, 100 MIPS CPU.
- 8 Mbyte RAM.
- 2 Mbyte FLASH PROM.

Firmware Updates

- Flash memory for simple upgrades.



Connections

- RJ 45 Twisted Pair cable, 10/100 MBit Ethernet network connection
- Modem connection RS-232 modem connector for dial-up use. Supports most V90 modems.
- Input/Output connector to trigger the camera on external events.

Power Supply

- External power supply 12V AC (included). Consumption max 7W.

Operating Environment

- Indoor only.
- Operating temperature: 40–105° F (5–40° C).
- Humidity: 20–80% RHG, non-condensing.
- Warning: Never aim the camera at the sun or other extremely bright light sources! Whether the camera is in use or not, exposure to extremely bright objects will harm the CCD image sensor.

Dimensions / Weight

- Height: 1.6 in (4.1 cm)
- Width: 4.0 in (10.2 cm)
- Length: 5.8 in (14.7 cm)
- Weight: 0.5 lb (0.24 kg) (excluding power supply and mini-tripod.)

Approvals

- EMC : FCC Class A, Part 15 subpart B
- CE : EN 55022 Class B, EN55024
- Safety: EN 60950, UL, CSA

Accessories Included

- Camera mini-tripod, using standard 1/4" nut.
- Null modem cable for modem installation.
- Power cord extension cable.
- Power supply: 12V AC, 9.6 VA.
- I/O connector.

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