

AXIS 200+ Web Camera

**The Self-Contained Web Camera
for Enhancing Network and
Surveillance Applications**



a m e r a S e r v e r s



The AXIS 200+ Web Camera is the world's first self-contained Web server and network camera. It includes everything you need to capture live images and deliver them to any desktop over intranets, the Internet, or mixed network environments. Just install the camera directly to your Ethernet network, ISDN line, or phone line via dedicated or wireless modem and you'll be ready to view images via a standard Web browser in no time. It's the easy way to enhance your remote monitoring systems and increase the value of your network.

Wide Range of Applications

Use the AXIS 200+ Web Camera for everything from surveillance to remote alarm verification. Keep watch over sensitive areas, entrance lobbies, parking lots, and supply rooms. Monitor manufacturing operations and construction sites. Remotely verify alarm signals. Automatically send a time or event-triggered live image via e-mail. The possibilities are endless.

Install in Minutes

True plug-and-play installation takes only minutes. No extra system resources, special software, or file server involvement are needed. You can also connect the server to the network via a modem for remote applications. The camera has the ability to initiate a file transfer over phone lines or Ethernet to remote hosts.

Use in Any Environment

Open Web server design allows easy integration into intranet-based groupware applications as well as into the Internet itself. You can also use it in mixed operating environments, such as Windows, Mac, UNIX and OS/2. Viewing clients require only a standard Web browser and TCP/IP access.

Fast, Quality Imaging

Compress and send two high-quality images (352 x 288) per second. Using push technology, send up to six images per second over direct network connections. Larger images (up to 704 x 576) can be captured, and 2x zoom capability is now available.

Replaceable Lens

The standard AXIS 200+ lens can be replaced with any CS mount or C mount (with C/CS ring) lens. It also supports auto-iris lenses for bright environments.

Cost-effective

With the AXIS 200+ Web Camera, your network becomes an immediate resource for image capture without the costly equipment or installation costs of traditional solutions.

Camera Servers

Technical Specifications

MODEL

AXIS 200+ Web Camera
0064-2
Self-contained Web server and network camera

NETWORK SYSTEMS

All systems running TCP/IP and having an HTTP browser supporting HTML version 0.9 or higher and JPEG files (e.g., Netscape Navigator 1.22 and Microsoft Internet Explorer 1.0 and higher)

PROTOCOLS

ARP, RARP, BOOTP, TCR, IP, HTTP, SMTP, ICMP, FTP, DNS.
Via Modem: PPP, Z-modem

INSTALLATION

Assign an IP address via ARP, RARP, or BOOTP. Attach to Ethernet or modem for a remote application. No need for any special software, works with standard Windows, UNIX, and OS/2.

NETWORK MANAGEMENT

Configuration and status via standard HTTP browser

SECURITY

Password protection

SOFTWARE UPDATES

Flash memory allows central and remote software updates over the network using FTP over TCP/IP. All software upgrades are available via Axis WWW server and offered free of charge.

PROGRAMMABLE

Extended CRON service allows periodic command execution within the AXIS 200+. This enables programming of events and/or time triggered functions.

Command examples:
File Transfer Protocol (FTP) and Simple Mail Transfer Protocol (SMTP) for image transfer from the AXIS 200+ to e-mail addresses.
Online/Offline commands establish/terminate PPP connections to the AXIS 200+.

CAMERA RESOLUTION

Images in compressed JPEG color formats, selectable sizes:
Huge size: 704 x 576
Full size: 352 x 288
Half size: 172 x 144
Typical file sizes are 23 Kbytes and 10 Kbytes
Picture angle: 51 deg. horizontal, 39 deg. vertical

PICTURE FEATURES

The image size is programmable using CGI parameters up to a maximum size of 704 x 576. It is possible to do a zoom-in of 352 x 288.

Server push for live updated pictures.

Parameters for rotation, quality, mirroring, color, etc. can be set.

PERFORMANCE

A high-quality JPEG file updated in 0.7 second. Up to 6 frames/second transmitted using server push

NETWORK ATTACHMENT

Ethernet 10baseT, RJ45 (twisted pair)

HARDWARE

CPU: 32-bit RISC processor (ETRAX)
FLASH PROM: 2 Mbyte
RAM: 2 MByte

CAMERA

Direct digital, 24-bit color
CCD: 1/3" Hi-resolution 768 x 582 pixels
Optical filter: Quartz low pass filter with IR cut filtering

ALARM INPUTS AND RELAY OUTPUT

Mini-Din 8-poles for external connector, one relay output and two alarm inputs. These are software-controlled for general purpose I/O.

SERIAL CONNECTORS

RS232C (9 pin DSUB)

ACCESSORIES

Camera mini-tripod and power cord extender cable. Delivered with each unit, using standard 1/4" nut. Can be used stand-alone or mounted on a wall.

ADDITIONAL SOFTWARE

From the Axis Web site, a user friendly application software (Windows 95/NT and UNIX) can be downloaded to transfer pictures to your Web server or to record pictures on hard disk. Can also be used for monitoring the I/O ports.

OPERATING TEMPERATURE

40-105° F (5-40° C)

HUMIDITY

20-80% RHG, non-condensing

APPROVALS

EMC: FCC Class A
CE EN 55022/1987, EN500821/1992.
Safety: EN 60950, UL, CSA

SIZE

Height: 1.9 in (4.8 cm)
Width: 4.9 in (12.5 cm)
Length: 6.1 in (15.5 cm)

WEIGHT

1.0 lb. (0.5 kg), excluding power supply

POWER SUPPLY

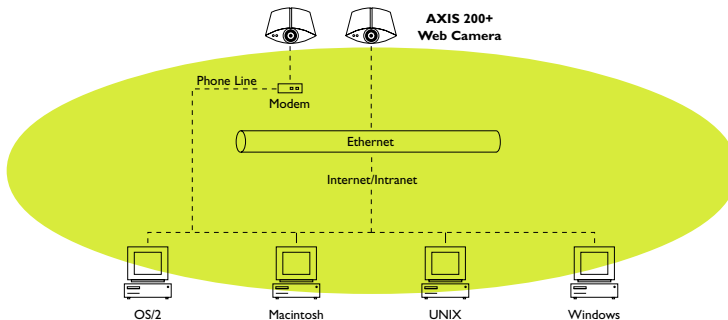
12V AC, 9.6 VA, via external power supply (PS-D)

LENS

Lens mount: CS mount (C mount with C/CS ring); supports auto-iris lenses
Standard 200+ lens — Focal length: 5.5mm
Aperture: Fixed F2.0
Thread: M12P 0.5mm
Focus 0.5mm to infinity

ILLUMINATION

5 to 5,000 lux with standard 200+ lens
2 to 200,000 lux with an F1.0 Autoliris lens.



PRODUCT SELECTION GUIDE						
Model Number	Part Number	Image Transfer Over	Average Image Size	Communicates Over	View Through	P/T/Z
Axis 200+ Web Camera	0064-2	RS232/10BaseT	25 kbyte	Internet/Intranet/ Modem/PSTN/ ISDN/Phone Line	Browser	×
Axis 240 Camera Server	0072-1	RS232/10BaseT	20 kbyte	Internet/Intranet/ Modem/PSTN/ ISDN/Phone Line	Browser	Yes

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YEAR 2000-COMPLIANT

AXIS
COMMUNICATIONS