



# AXIS Pan/Tilt/Zoom Camera Kit

## *Looking Forward...*

This comprehensive kit is the perfect choice for monitoring and accessing live video from remote or local networks. The video server's easy-to-use control of the camera's Pan/Tilt/Zoom functions allows the ability to monitor large areas from multiple angles and to zoom in on details. Perfect for remote trouble-shooting or desktop monitoring of server rooms, offices and reception areas.

It connects directly to the office network to provide the ideal tool for a broad range of video applications.



- "Plug and Watch" – over any TCP/IP network
- Pan, Tilt and Zoom control in your Web browser
- Built in Web Server
- Video stream – 30/25 frames/second (PAL/NTSC)
- Security features

**AXIS**<sup>®</sup>  
COMMUNICATIONS

## Technical Specification - AXIS 2401 Video Server

### System Requirements

- Axis' video servers use the standard Internet TCP/IP suite of protocols and can be used with most operating systems: Windows 95, 98, ME, NT and 2000 as well as Linux, UNIX, Mac OS and several others. The only software needed is Internet Explorer 4.x with Axis' camera ActiveX control or Netscape Navigator 4.x

### Installation

- Physical network connection using RJ45 twisted pair cable. Installs directly to NTSC or PAL video cameras using BNC connectors

### Management

- Remote configuration and status using Web-based tools

### Compression

- Motion-JPEG, as well as single snapshot JPEG images. User controlled compression level

### Video Features

- Time stamp and text overlay. Color control (B/W or color)

### Video Inputs

- AXIS 2401 PAL - single BNC composite PAL/NTSC video input with one BNC video loop-through port

### Networking

- 10baseT Ethernet or 100baseTX Fast Ethernet, TCP/IP, HTTP, FTP, SMTP, NTP, ARP, BOOTP

### General I/O

- Four alarm inputs and one output relay

### Pre/Post alarm buffer

- Up to 8 MByte memory available for pre/post alarm image storage

### Serial Connectors

- 9 pin D-SUB RS-232 max 230 Kbps
- 9 pin D-SUB RS-232 or RS-485/422 max 38.4 Kbps, half duplex

### Pan/Tilt/Zoom

- Full support for Pan/Tilt/Zoom functions within the AXIS EVI-D30/31

### Hardware

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



### Approvals

- EMC: FCC Class A, VCCI EN 55022/1994, EN50082-1/1992
- Safety: EN 60950, UL, CSA

### Operating conditions

- Temperature: 40-125°F (5-50°C)
- Humidity: 20-80% RHG

### Metrics

- Height: 1.7" (42 mm)
- Width: 5.7" (145 mm)
- Length: 8.7" (220 mm)
- Weight: 1.7 lb. (0.8 kg), excluding power supply

## Technical Specification - AXIS EVI Video Camera

### Video Signal

- NTSC/PAL

### Image Sensor

- 1/3"IT Color CCD

### Effective Pixels HxV

- 768x492 (NTSC), 752x585 (PAL)

### Resolution HxV

- 460x350 (NTSC), 450x400 (PAL)

### Lens

- X12 Power Zoom, ~f=5.4~64.8mm, F1.8~F2.7

### H Angle of view

- 4.4~48.8 degrees

### Shortest subject distance

- 10mm (WIDE end) 800mm (TELE end)

### Illumination

- Minimum Illumination 7 Lux (F1.8)
- Illumination range 7-100.000 Lux

### Exposure

- Auto Iris, AGC
- Shutter 1/60~1/10,000 (NTSC), 1/50~1/10,000 (PAL)
- Auto/Manual (VISCA controll)
- TTL Auto Tracing/One Push Hold, Indoor Preset

### Pan/Tilt

- Horizontal  $\pm$  100 degrees (max speed 80 degree/sec)
- Vertical  $\pm$  25 degrees (max speed 50 degree/sec)

### Video Output

- RCA pin jack, 1Vp-p, 75ohm unbalanced

### Operating conditions

- Temperature: 36-120°F, 0-40°C

### Power

- Power Terminal DC IN 13.5V (included)
- Power Consumption: 10.5W

### Metrics

- Height: 5.6", (109mm)
- Width: 4.3", (112mm)
- Length: 6.46", (164mm)
- Weight: 2.64lb, (1.2 kg), excluding power supply

For more information visit our website: [www.axis.com](http://www.axis.com)

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