



eCam 05 Network Camera



Ceiling mount



Desktop mount



Wall mount



Back view

This stand alone network camera with a performance of **30** frames/sec. compresses images and transmits real-time video via all types of networks such as the Internet, corporate LAN, XDSL, ADSL, cable modem, ISDN and leased line. It makes it easier to view real-time video through Internet while the remote monitoring from anywhere in the world is as easy as what you are used to by surfing on the net using web browsers.

Features:

- Embedded Web server to watch live video over the Internet.
- **30** frames/second.
- Operating controls through a CGI based script language.
- JAVA / ActiveX based web page providing maximum platform compatibility.
- Flexible design enabling customized web pages and remote firmware upgrade.
- Plug & Play, no additional software needed.
- Built-in CMOS VGA sensor module providing an all-in-one system.
- Video adjustments including brightness, contrast saturation and overall quality
- IP assignment using the IP installer, Arp/Web page.
- Rich GPIO/COM programmable event script functions for various applications.
- Motion detection/ time and GPIO inputs for event triggering.
- E-Mail/FTP/relay out and internal buffer storage for event actions.



Applications:

- *Environmental surveillance:* monitor situations and ecological protected areas.
- *Manufacturing:* production lines can be monitored in real time from a remote control center.
- *Marketing:* use the eCam cameras (05,10,12,20,24,25 & eDome) for live demos/promotion of your products.
- *House security:* you will receive a warning signal about the intrusion with an e-mail and picture.
- *Intelligence companies:* helping agents to collect evidences.
- *Financial institutions:* monitor ATMs and visitors in banks.
- *Rest homes:* surveillance of health conditions.
- *Scenic spots:* check before the trip the scenery, weather, facilities, etc.
- *Traffic monitoring:* control of local-, national- and highways.
- *Worldwide industry:* manage operation facilities/sales of branches scattered around the world.

Specifications:

- **Video channel/control:** One internal CMOS, sensitivity : 2,5 Lux (F=1,4) – white balance (ATW) – automatic gain control – auto electronic shutter.
- **Standard equipment:** A CS mount lens – focal length 6 mm F=1,8 – support of direct drive lens. Build-in VR for DC level adjustment (*optionals* => focal length of 4 mm).
- **Hardware:** CPU: 32 bits RISC processor, ROM: 2 MB flash, RAM: 16MB SDRAM, watchdog chip to monitor out of tolerance and abnormal program executions, two LEDs to monitor network and power/system status, one RJ-45 connector for Ethernet, one RS-232 serial port for an external console, one RS-485 port for PTZ camera control, four fully opto-isolated alarm inputs and one 3A, 30 VDC relay output.
- **Protocols:** TCP/IP, UDP, ARP, ICMP, HTTP, FTP, Telnet, SMPT, PPP and DHCP.
- **Image compression:** motion JPEG.
- **Performances :** Network throughput : 0,8 MB/sec. with 30 simultaneous connections.
- **Video throughput:** **30** frames/sec.
- **Resolution :** VGA => 640 x 480, SIF => 320 x 240.
- **Event trigger & action:** Programmable event script with wizard. Triggered by time, GPIO input, motion detection, video, network connectivity, CGI, etc. Storage of images into local buffer (2MB pre- & post alarm), FTP image to remote site, e-mail image to remote site, HTTP server push to remote site, relay output to control external devices.
- **Installation:** Assignment of IP address using ARP, Ping or IP-installer software.
- **Software upgrade:** Local/remote using FTP, custom web contents updated via FTP & Telnet.
- **Input voltage :** 14 VAC, power consumption: 7 Watts
- **Accessories:** Quick installation guide, Ethernet cable, power supply adapter, stand for desktop/wall/ceiling mount. Cable converting mini-DIN => Dsub to connect Com port or GPIO.