# Economical   IP Camera

## Description

**A**mong all network video solutions, *Clairvoyant* is the most cost efficient and is especially suitable for all broadband users. *Clairvoyant* comes with both USB and RJ-45 ports.

*Clairvoyant* **is an economical model of advanced IP camera device.** It comes with many high quality features, yet costs relevantly low. *Clairvoyant* works all alone with broadband connection allows remotely viewing of images from web browser anywhere, any time using either PC/ MAC or any mobil device (PDA/Cellular)

Just  like any network device, with its own IP address, *Clairvoyant* connects directly to a standard network switch or to a  wire-less network. This enables viewing  real time digital video over the LAN or Internet from all over the world.

*Clairvoyant* **uses existing Network (IP) technology**.  In a case of surveillance project, using existing IP network infrastructure combining with *Clairvoyant*, extra costs related to traditional installation and deployment of  analog CCTV surveillance systems (such as coaxial cables, monitors and video recorders) can be eliminated.

*Clairvoyant* **is designed around a powerful camera platform**. A genius embedded WEB and SMTP server with realtime operating system guarantee 24/7 operation in the most demanding of environments.



## Feature  Highlights

- **A least cost** solution for remote monitoring;
- **A** highly developed on-board image processor;
- **A**n inbuilt WEB server and JAVA applets;
- **J**PEG and MJPEG video compression;
- **S**upport Cross platform clients; PDA/Cellular...
- **A**dditional security is provided through two layer password protections for the camera;
- **E**mail snapshots enable sending images to assigned e-mail boxes periodically;
- **E**asy network camera IP installer tool & quick install guide are included;
- **P**PPoE & DHCP accompany with **DDNS** service;
- **C**onnect to ADSL Modem or NAT router
- **M**onitoring/video recording software is available;
- **R**eady to integrate with **ImageHUB**, that can send MMS and realtime video to cellular phones;
- **U**ltra energy saving green product.
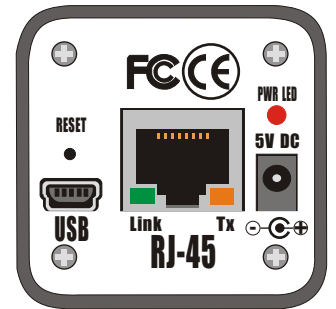
## Market Applications

Due to the benefits of our low costs strategy , new business applications can be implemented and integrated with *Clairvoyant*1001,such as:

- **I**SP/ GPRS/ 3G promotional bundles
- **V**oIP telephone tie-in to be video phone
- **L**ive video embedded into homepages, **O**nline advertisement, View by all cellular phones
- **R**emote Control / Vehicles Control / Chainstores Control / Advertising / Traffics Alerts
- **B**aby and elderly tending
- **P**rivate Security/ Caring through PDA & Cellular

# Technical Data

- Compression: Motion JPEG hardware compression
- 350,000 pixels CMOS sensor
- f: 6.0mm to infinity, C/CS mount lens
- Min. 2.0 to 3.0 Lux
- Automatic Exposure Control
- Automatic Gain Control
- Automatic Brightness Control
- Automatic White Balance
- Flicker Avoidance (Flickerless)
- Resolution:
  QVGA (320 x 240)
    VGA (640 x 480)
- Image Frame Rate:
  Max. 15 fps at QVGA resolution, average 700 kbps/sec
  Max.  4 fps at   VGA resolution, average 700 kbps/sec
- I/O Interface
  CAT5, RJ-45 x1 (802.3)
  USB1.1

- TCP/IP, HTTP, ARP, ICMP, PPPoE, DHCP, SMTP, DDNS

- IE6, NETSCAPE, FIREFOX, SAFARI, EWE, GPRS/3G Phones etc...

- Dimensions (mm, L x H x W) : 106 x 49 (41)  x 50/ 106  x 46  x 46  (C1001A/ C1001B)
- Weight (g): 250  / 250 (C1001A/ C1001B)
- Power Requirement : 5 V / 0.1 to 0. 3 A / 1.5 W (max.)
- Operation Temp : 5 $^{\circ}$C to 50$^{\circ}$C (40 $^{\circ}$F to 122$^{\circ}$ F)
- Humidity : Rh10 % to 90 %

**Remark:**
- Optional Digital Surveillance Software for Monitoring/Recording 4 *Clairvoyant*1001 in one screen
- Optional Applets for imbedding LIVE VIDEO into homepages, easily view by mobile devices.
- Optional **ImageHUB** catching 4/9/16 *Clairvoyant*1001 video in one screen, Sending MMS alerts,
  support live video on all major GPRS/3G phones by OTA technique