



## PRODUCT INTRODUCTION

The Wipcam (Wireless IP camera) was designed as a solution, "when nothing else works".

Normal CCTV systems do NOT work when power is down, IP cameras don't work during server reboot or maintenance. Software surveillance systems also need rebooting and maintenance.

This camera is autonomous, detects network and power failure, can be connected to existing alarm and logical access systems. Wipcam can stream images/snapshots via GPRS to client mobile phone. Motion-detect enabled

## UNIQUE SELLING PROPOSITIONS

- WipCam is a surveillance CCTV camera
- WipCam is an IP camera
- WipCam can work in Wi-fi (stream/snap)
- WipCam can work in GPRS (stream/snap)
- Wipcam can send data through RJ45 connector on network (Intra/inter-net)
- Wipcam can send data through existing power lines (range 1km)
- WipCam has internal battery pack (aut. 2.5 Hours)
- WipCam has internal USB encrypted HDD (2-10 Gigabytes)
- As soon as power/network is re-established the data stored on the camera's will automatically transferred to server/HD



**General specs:**

- Built-in web server and wireless network interface
- Superior image quality using a 'progressive scan CCD sensor
- Moving images can be viewed/recorded simultaneously without distortion

**Camera specs:**

- 24-bit digital colour
- ¼ inch sony progressive scan RGB CCD sensor
- Resolution : 704 x 576 (D1) pixels
- Exposure time : 1-1/30,000s.
- Maximum illumination : 10,000 LUX
- Minimum illumination : 3 lux
- Replaceable standard CS mounted lens
- Focus : 0.5 mm to infinity
- 40 mm lens equivalent to 35 mm on a standard camera with aperture F2.0

**Image and video specs:**

- image frames rate : 25 fps/PAL & 30 fps/NTSC
- high speed chip, MPEG-4 movie compression
- supports simultaneous advanced MPEG-4 video streams, allowing systems to be optimized both for image quality and bandwidth efficiency, different levels of compression are available.
- Pre/post alarm image buffering: 19MB (+/- 5 at 352 x 288 resolution video at 25 frames per second for PAL or 30 for NTSC)
- Capability to insert privacy masking, custom logo or overlay image in the video stream
- Built in video motion diction reduces network load and storage needs by uploading video only when change is detected

**General I/O**

- 1 alarm input and I output for connecting external devices such as door sensors and relays to activate light or closed doors
- Scheduled and triggered event functionality with notification via Email
- Integrated audio support

**Client application**

- supports simultaneous advance MPEG-4 video streams, allowing systems to be optimized both for image quality and bandwidth efficiency
- supports up to 20 simultaneous; virtually unlimited number of users if using multicast
- compatible with operating systems such as windows 98/2000/XP/NT/ME
- internet explorer version 4/5/6 or Netscape 4

**Firmware updates**

- flash memory for simple application upgrades

**Operation environment**

- indoor only for version 1  
Version 2 is available for outside
- operation temperature -5° to 40° Celsius
- Humidity 20% to 80% RHG, non-condensing.

**Hardware**

- compression chip
- 1cpu
- 8 MB ram
- 2 MB flash prom
- Optional embedded hard disk to support over 240 hours recording.

**Supported protocols**

- TCP/IP, HTTP, HTTPS, FTP, SMTP, ARP and more
- Wireless 802.11d

**Security**

- can be password protected or open to the entire world
- IP address filtering

**Connections**

- RJ 45 twisted pair cables  
10/100 MB Ethernet network connection
- One video out, USB port  
485 port
- Input /output connector

**Power supply**

- embedded battery for  
emergency use

