



# uVCam - 1000



Digital Audio Visual Communications Leader

## UVC-1000

This network camera enables a remote video and audio monitoring via Internet without an additional device such as PC. It is required only power and Internet cables to install the camera. For a compression of video data, it uses built-in MPEG-4 video encoder that enables a low network load ensuring high video quality.

It supports two-way audio(voice) communications between the camera and monitoring place. For monitoring camera's video and audio in the remote site, it supports PC, PDA, and Web browsers. Since the video and audio data are digitized from capturing to browsing, no degradation of both video and audio quality occurs during transmission process.

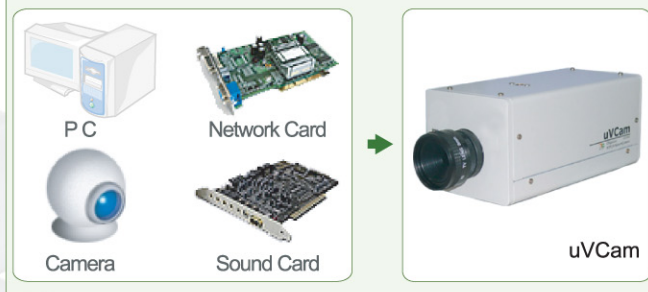
## Features

- MPEG-4 Video Encoding
  - High video quality/compression rate
  - Low network load
  - Low HDD storage
- Two-way audio communications
- Ubiquitous access : Web, PC, PDA browsers
- DDNS Support
- Public/dynamic/virtual IP support
- Support DVR functionalities (Optional)
  - MP4 standard file format with both audio and video
  - Support storing, retrieving and searching of A/V data
- Low cost-High performance
- Support optional sensors and alarms
- Easy H/W installation

## Web Viewer



## All Components on uVCam

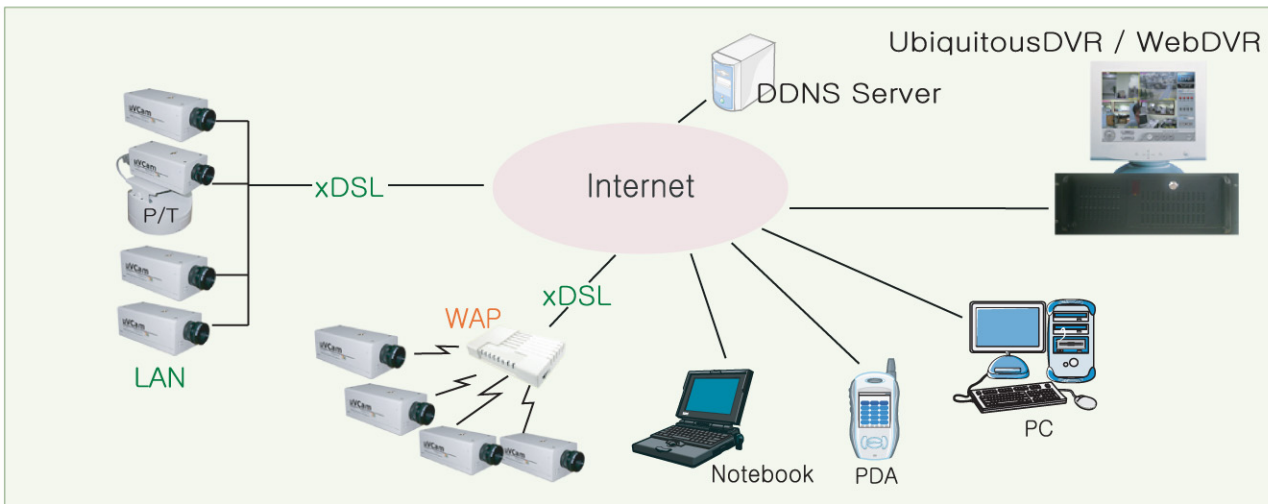


## Applications

- Security
  - : Home, Parking area, Office, Hotel, Shopping center, ATM
- Monitoring
  - : Traffic, Pre-school, Pets, Franchise, Constructing spot
- Live broadcasting
  - : Sports, Events
- Advertisements
  - : University, Hotel room, Famous tourist spots, Model house

**Specifications**

Features		UVC-1000
Hardware	CPU	32bits, 400MHZ
	RAM	32MB SDRAM
	ROM	8MB Flash Memory
	Sound	Stereo 0.2W+0.W, Mic-In
	Image Sensor	1/3" Sony CCD
	Video Capture	NTSC(PAL) 30 fps max.
	Network	10Mbps, Ethernet
Network Protocol		TCP/IP, UDP, DHCP
Image	Resolution	640 x 480 max.
	Frame Rate	15 fps@320 x 240 avr.
	Compression	MPEG-4, 50:1(various)
	Size	1~3 kb@ 320 x 240
Video	Lens	C Mount, 4 mm(optional)
	Illumination	Less than 0.5 lux/F1.2
	Focus	20cm ~
Audio	Sampling Rate	44.1 KHz(16 bits per channel)
	Compression	G.723
External IO	Serial	Mini DIN(P/T control)
	Audio	Microphone/Speaker Jack
	Video	BNC Connector
	Network	RJ45
Location	Indoor	5° - 70° C
Dimension	W x H x L(mm)	67 x 55 x 130
Weight	Without Lens	
Power		DC 12V/1A, 5.6w avr.

**System Configuration**


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