WebCAM Features

All Network Protocol supported	▶ Standalone Linux WebCam Server support the following Protocol TCP/IP, HTTP, SMTP, PPPoE, DHCP
Cost Effective	▶ 32 bit RISC CPU and Hardware JPEG compression
Easy and simple User Interface	▶ You can access the JPEG picture through IE by assigning IP
AP Hardware Independent	▶ JAVA based AP, Platform independent
Support 4 Input 4 Output GPIO	▶ For various sensors, switches and alarm devices connection
Pan/Tilt/Zoom Support	▶ Support RS232 controlled PTZ Camera
Client Site Store	▶ Support Client Site Store to received JPEG pictures

Application

▶ Live video program on the network

▶ Remote control CCTV through web browser

▶ Traffic broadcast surveillance

▶ Various monitoring for: Bank, Parking Lot, Home, School, and Medical Care

▶ Industrial surveillance

▶ Verifying for the intruder alarm

▶ SMTP is supported for emailing some critical picture

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Linux
P O W E R E D

WebCAM Hardware Specification

CPU Board

CPU	▶ Hitachi SH3 CPU (100-133Mhz)
DRAM	▶ 16 MB
Flash Memory	▶ 4 MB
LAN	▶ 10/100BT, AX88796
GPIO	▶ 4 In / 4 Out, for control
Power	▶ DC 12V/0.5A adapter is required
Board Dimension	▶ 116x90x15 mm (two board configuration)

Video Board

Video Capture	▶ Philips 7111A
JPEG Compression	▶ Winbond 9968
Video Input Channel	▶ 4 RCA type connectors for video input
	Support NTSC / PAL

Software Specification

Operating System	▶ Linux
Network Protocol	▶ TCP/IP, HTTP, SMTP, PPPoE, DHCP
LAN Connect Type	▶ Fixed IP, Dynamic IP (DHCP)
User Interface	▶ RS232 Console AP, Web AP, Windows AP
	Network Time Adjustment for the IP setting
Performance	▶ 1. ADSL 512K/512K (Fixed IP)
	320x240 1 CH 2.5 F/S (Frame/Sec)
	640x480 1 CH 1.6 F/S
	▶ 2. ADSL 512/64K(PPPoE, Floating IP)
	320x240 1 CH 0.3 F/S (Frame/Sec)
	▶ 3. Cable TV (DHCP)
	320x240 1 CH 2.1 F/S (Frame/Sec)
	▶ 4. LAN environment
	20 - 25 F/S Connect through Ethernet
	(With P3 /1 GHz)

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