H.264 1-Channel Video Server
W-1001

The W-1001 video server is a 1-channel video server with a built-in web server. Using an IE browser, video can be viewed in real-time from a PC or 3G phone. Its H.264/MJPEG/MPEG4 video compression provides smooth and high video quality. Video can be stored on a SD card and played back remotely. With its user friendly interface, the W-1001 can connect to any type of analog camera, including Channel Vision's Vandal-Proof IR Color Dome Waterproof (6127) and Hi Res Color IR Bullet Camera (6330).

Main Features
1 Channel Input
De-interlace function
H.264/ MJPEG/ MPEG compression
SD card backup
2-way audio
Support cell phone/ PDA/ 3GPP
Triple streaming
Power over ethernet available
Free bundle 36 channel recording software

Specifications*

Hardware
CPU: ARM 9, 32 bit RISC
DDR2: 128MB
Flash: 16MB
Video In: 1 in BNC connector
Video Looping Input: 1
Audio In/Out: 1 in/ 1 out
I/O: 2in/ 2 Relay out (COM. & N.O. & N.C.)
        Relay out: DC 24V@1A   AC 110V@0.5A
RS-485: 1, for PTZ control
Power Consumption: LAN: DC 12V, 350mA
                       WLAN: DC 12V, 450mA
Operating Temperature: 0°C ~ 40°C
Dimensions: 134mm (W) x 42 (L) x 107mm(D)

Network
Ethernet: 10/ 100 Base-T
Network Protocol: HTTP, TCP/IP, UDP, SMTP, FTP
                      PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP
Security: WEP, WPA-PSK, WPA2-PSK

SD Card Management
Recording Trigger: Motion Detection, IP Check, Network break down (wire only), schedule, Relay
Video Format: AVI, JPEG
Video Playback: Yes
Delete Files: Yes

Client System Requirements
OS: Windows 2000, XP, 2003, Microsoft IE 6.0 or above
Hardware
Suggested: Intel Dual Core 1.66. RAM: 1024MB,
               Graphic card: 128MB
Minimum: Intel-C 2.8G, RAM: 512MB, Graphic card:64MB

System
Video Resolution: NTSC: 720x480, 704x480, 352x240, 176x144
                      PAL: 720x576, 704x576, 352x288, 176x144
Video Adjust: Brightness, contrast, saturation, hue, sharpness
Triple Streaming: Yes
Image Snapshop: Yes
Full Screen Motion: Yes
Privacy Mask: Yes, 3 different areas
Compression Format: H.264/ JPEG/ MPEG4 (3GPP only)
Video Bitrates Adjust: CBR, VBR
Motion Detection: Yes, 3 different areas
Triggered Action: Mail, FTP, save to SD card, relay
Pre/ Post Alarm: Yes, configurable
Security: Password protection
Firmware Upgrade: HTTP mode, can be upgraded remotely
Simultaneous Connection: Up to 10
Audio: Yes, 2 way

*Specifications subject to change

Channel Vision Central Structured Wiring
Channel Vision PRO IR & Audio Equipment
ARIA™ Multi-Room Audio
Channel Vision Technology Modulators, Cameras, Intercoms