



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 |
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| 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 Snapshot: 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 DVI
IR & Audio Equipment



ARIA™
Multi-Room Audio



Channel Vision Technology
Modulators, Cameras, Intercoms