



## 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 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