



## VS 012

- ⊕ 1-Channel video server with audio support
- ⊕ True H.264 AVC/MPEG-4 part 10 real-time video compression
- ⊕ Full D1 resolution at 720x480(NTSC) / 720x576(PAL) in live monitoring
- ⊕ Full duplex H.264 AVC and JPEG streaming
- ⊕ Free eMobile s/w for Java mobile phone, Windows Mobile 5/6, and PDA
- ⊕ Support Network protocol: IP, TCP, UDP, HTTP, SMTP, ESMTMP, NTP, DDNS, FTP, ARP, DHCP, PPPoE, DNS, Telnet

### Specifications

#### ⊕ H.264 VIDEO SERVER ENCODER

Model	VS012
Video Compression	H.264/AVC Main Profile , Level 3 (I / P / B frames) , Motion JPEG
Resolution	Full D1 : 720 x 480 (NTSC) / 720 x 576 (PAL) CIF : 352 x 240 (NTSC) / 352 x 288 (PAL)
Frame Rate	H.264 : up to 30/25 FPS at full D1 resolution JPEG : 1 FPS at CIF
Video Streaming	Simultaneous Motion JPEG and H.264 AVC Main Profile Program Stream (PS) and Transport Stream (TS)
Video Bitrate	3 Mbps to 56 Kbps Frame rate and bitrate controllable on-the-fly VBR / CBR supported
CAVLC/CABAC	Supported
Security	Base64 HTTP encryption Multiple user access levels with password protection 10 user accounts available
Users	5 simultaneous unicast users (H.264) 5 simultaneous HTTP users (H.264) 5 simultaneous HTTP users (JPEG) Unlimited users using multicast (H.264)
Motion	15*10 motion detection zone Image upload over FTP and e-mail by motion detection
Audio Compression	Mono , MPEG-4 AAC , 48 KHz , 96 Kbps
CPU, Memory	Embedded SoC ARM926 , 166 Mhz , 64MB DDR , 4 MB flash memory
Maintenance	Firmware update via HTTP Firmware available at web site
Network Interface	10Mbps / 100Mbps , RJ-45
Client PC Requirement	OS : Windows 2000 , Windows XP , Windows Vista Browser : Windows Internet Explore 5.0 or above CPU : Intel Pentium 4 1.8GHz or above RAM : 512MB or above
Network Protocols	IP, TCP, UDP, HTTP, SMTP, ESMTMP, NTP, DDNS, FTP, ARP, DHCP, PPPoE, DNS, Telnet
Mobile Phone and PDA Support	Free eMobile software for Java mobile phone , Windows Mobile 5/6 , and PDA 3GPP H.264 w/ video and audio via Podcast , compatible with CorePlayer
System Integration	HTTPAPI downloadable
Video Display	VLC : H.264 HTTP , unicast , and multicast streaming ActiveX : for JPEG
OS	Embedded Linux 2.6.9
Video Input / Output	CVBS 1.0 Vp-p , 75 Ω , BNC
Audio Input	1.4 Vp-p , 50 Ω , RCA
Control Interface	RS-485
Alarm Input / Output	2 Input , 2 Output (Relay N.O.)
Power Supply	DC 12V ± 10%
Power Consumption	3.6 W
Ambient Operation Temperature	0°C ~ + 50°C ( 32°F ~ 122°F )
Operating Humidity	20% ~ 80% (non-condensing)
Dimensions	130mm (W) x 44mm (H) x 136mm (D)
Weight	400g