

# 4-CH MJPEG Video Server

The VIVOTEK VS2403, supporting four analog video inputs and four sets of DI/DO, delivers real-time MJPEG video streams for remote monitoring anywhere. Using Philips Trimedia PNX 1302 DSP, and equipped with 4MB flash ROM and 32MB SDRAM, VS2403 offers 3 sets of intelligent motion detection windows, pre/post alarm snapshots up to 15 images per channel, as well as receive high quality image of 4CIF. Furthermore, it comes with a web server so that users can easily have pan/tilt/zoom camera control, quad screen display, privacy mask support, IP address filtering and so on.



VS2403

## Features

- MJPEG Video Compression
- Four Video Inputs
- Supports IP Address Filtering
- Supports Privacy Mask Function
- Remote PTZ Camera Control
- Intelligent Motion Detection
- Pre/Post Alarm Snapshots, Buffer with Up to 15 Images Per Channel
- Four Sets of Digital I/O for Sensors & Alarms
- Adjustable Network Bandwidth

# MJPEG Video Server

VS2403

Front Panel



Rear Panel



40



## Technical Specifications

System	<ul style="list-style-type: none"> <li>CPU: Trimedia PN1302</li> <li>RAM: 32MB SDRAM</li> <li>ROM: 4MB FLASH ROM</li> </ul>	Dimensions	<ul style="list-style-type: none"> <li>Length: 160mm</li> <li>Width: 146mm</li> <li>Height: 40mm</li> </ul>
Networking	<ul style="list-style-type: none"> <li>Protocols: TCP/IP, HTTP, SMTP, FTP, Telnet, NTP, DNS, DDNS, DHCP, UPnP, PPPoE</li> <li>Ethernet: 10 baseT or 100 baseT Fast Ethernet auto negotiation</li> </ul>	Weight	<ul style="list-style-type: none"> <li>NET.820g</li> </ul>
Video	<ul style="list-style-type: none"> <li>Algorithm: MJPEG</li> <li>Video Input: 4 analog video inputs</li> <li>Features: Adjustable image size and quality, B/W or color control, Quad screen display, Time stamp/ text, Privacy mask, Three configurable motion detection windows</li> <li>Resolution: NTSC                             <ul style="list-style-type: none"> <li>Up to 30 frames at 176x120</li> <li>Up to 30 frames at 352x240</li> <li>Up to 30 frames at 704x240</li> <li>Up to 10 frames at 704x480</li> <li>Up to 15 frames for Quad</li> </ul> </li> <li>PAL                             <ul style="list-style-type: none"> <li>Up to 25 frames at 176x144</li> <li>Up to 25 frames at 352x288</li> <li>Up to 25 frames at 704x288</li> <li>Up to 10 frames at 704x576</li> <li>Up to 15 frames for Quad</li> </ul> </li> </ul>	Power	<ul style="list-style-type: none"> <li>12VDC</li> <li>Consumption: 8W</li> </ul>
Serial Port	<ul style="list-style-type: none"> <li>COM: 9 pin D-SUB RS232 (PTZ camera control) max. 115.2kbps</li> <li>RS485 (PTZ camera control)</li> </ul>	Operating Environments	<ul style="list-style-type: none"> <li>Temperature: 0~50°C (32~122°F)</li> <li>Humidity: 95% RH</li> </ul>
General I/O	<ul style="list-style-type: none"> <li>4 sensor inputs max. 12VDC 50mA</li> <li>4 relay outputs max. 24VDC 1A / 125VAC 0.5A</li> </ul>	EMI & Safety	<ul style="list-style-type: none"> <li>CE, FCC</li> </ul>
LED Indicators	<ul style="list-style-type: none"> <li>System power and status indicators</li> <li>Network link and speed indicators</li> </ul>	Security	<ul style="list-style-type: none"> <li>Administrator and user group protected</li> <li>Password authentication</li> </ul>
		Pan/Tilt/Zoom	<ul style="list-style-type: none"> <li>Multiple PTZ camera control through RS232 or RS485</li> <li>Currently supported devices and protocols: Sony VISCA, Canon VC-C1, VC-C3, VC-C4, Samsung Dynacolor DynaDome, Pelco D, LiLin, Ernitec</li> <li>CGI command serial driver is supported</li> </ul>
		Alarm Features	<ul style="list-style-type: none"> <li>Motion detection with percentage and sensitivity</li> <li>Daily repeat timing schedule</li> <li>Pre/post alarm snapshots up to 15 images per channel</li> <li>Automatic transfer of stored images via email or FTP</li> </ul>
		Development Kit	<ul style="list-style-type: none"> <li>Open ActiveX control</li> </ul>
		Viewing System Requirements	<ul style="list-style-type: none"> <li>Internet Explorer 5.x or above;</li> <li>Netscape Navigator 4.x or above</li> </ul>
		Free Bundled ST2202 Software	<ul style="list-style-type: none"> <li>Remote configuration and control sixteen devices</li> <li>Continuous and event triggered recording</li> <li>E-mail alarm system once triggered by motion detection</li> <li>E-map, showing camera's location and background</li> <li>Advanced search and event list search in playback</li> <li>Supports different speeds in playback</li> </ul>