

Vivotek **IP Surveillance System**



Video Server VS2402

VS2402 is a high performance video server for professional IP surveillance application. It transmits up to four digital video streams over Ethernet or modem and provides loop-through video outputs for the connection of analog monitors or traditional multiplexers. VS2402 is based on MJPEG technology that is ideal for professional integrators, SOHO, or home users at the best ratio of performance over cost. By the flexible integration interface, detail documents and technical support, we assist development partners to build the optimal system to offer end users a wide range of applications in remote surveillance, industrial control and web attraction over IP network.

Features

- **Easy web access via popular browsers**
- **Familiar wizard assistance**
- **4 video inputs and loop-through outputs**
- **Real-time performance with up to 9 quad fps**
- **Built-in motion detection**
- **WAN support via external modem**
- **Multiple PTZ camera support with flexible interface**
- **Extension for sensors and alarms**
- **Development kit for system integrators**

Technical Specifications

VS2402

System

- CPU: Trimedia PNX1300
- RAM: 16MB SDRAM
- ROM: 2MB FLASH ROM

Networking

- Protocol
TCP/IP, HTTP, SMTP, FTP, Telnet, NTP, DNS and DHCP
- Modem
PPP(dial-up, direct cable connection)
- Ethernet
10 baseT or 100 baseT Fast Ethernet auto negotiation

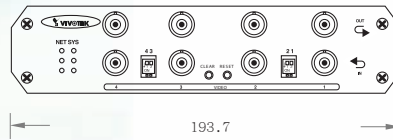
Video

- Algorithm supported
MJPEG
- Video I/O
4 analog video inputs
4 loop-through outputs
- Features
Adjustable image size and quality
B/W or color control
Quad screen display
Time stamp and text overlay
- Resolution
NTSC
Up to 30 frames at 176x112
Up to 30 frames at 352x240
Up to 9 frames at 704x480
Up to 9 frames for Quad
PAL
Up to 25 frames at 176x144
Up to 25 frames at 352x288
Up to 8 frames at 704x576
Up to 8 frames for Quad

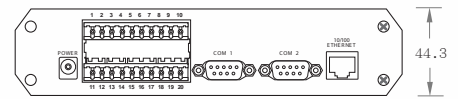
Serial Port

- COM1
9 pin D-SUB RS232 or RS485(PTZ camera control)
max.115.2kbps
- COM2
9 pin D-SUB RS232(PTZ camera control or modem)
max.115.2kbps

Front Panel



Rear Panel



General I/O

- 4 sensor inputs max.12VDC 50mA
- 2 relay outputs max. 24VDC 1A / 125VAC 0.5A

LED Indicators

- System power and status indicators
- Network link and speed indicators

Dimension

- Length: 216.7mm
- Width: 193.7mm
- Height: 44.3mm

Weight

- NET. 970g

Power

- Consumption: near 7.8W
- Input: 100-240VAC, 50/60Hz, 0.4A
- Output: 12VDC, 1.5A

Operating Environment

- Temperature: 0~50°C(32~122°F)
- Humidity: 95% RH

EMI & Safety

- CE, FCC

Security

- Administrator and user group protected
- Password authentication
- Demo account with limitation by administrator

Pan/Title/Zoom

- Multiple PTZ camera control through RS232 or RS485
- Currently supported devices and protocols
Sony VISCA, Canon VC-C1, VC-C3, VC-C4
DynaColor DynaDome, Pelco D, LiLin, Ernitec
- CGI command serial driver is supported

Alarm Features

- Motion detection with percentage and sensitivity
- Daily repeat timing schedule
- 3 color images per camera for pre/post alarm
- Automatic transfer of stored images via email or FTP

Development Kit

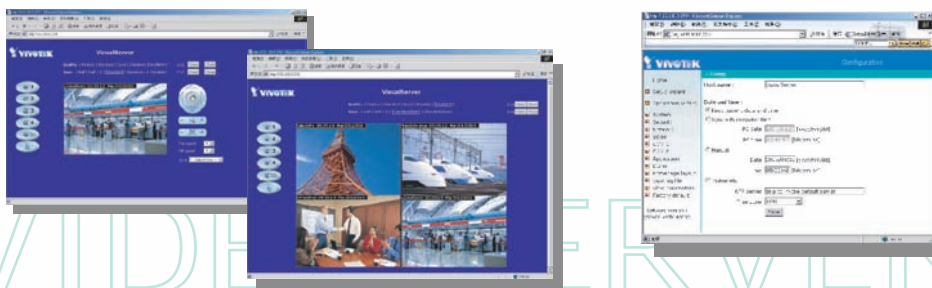
- Open ActiveX control

Viewing System Requirement

- Internet Explorer 4.x or above;
- Netscape Navigator 4.x or above

Free Bundled ST2202 Software

- Remote configuration and control
- Event-triggered, scheduled, manual recording
- Instant search with preview windows
- Fast/slow forward replay and pause
- Hard disk quota warning
- Scheduled backup
- AVI format export



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