

## **VS8401 4CH video server**

IP video server for 4 cameras. Compression H264, MPEG-4 and MJPEG. 10 clients on-line monitoring at the same time. Slot for SD/SDHC.



**Manufacturer:** Vivotek

**Reference:** VS8401

## **Description:**

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### **VS8401 description**

VIVOTEK VS8401, the new milestone in video server security performing 4-CH high resolution with high frame rate in [H.264](#), is able to convert analog video into digital video with the highest quality.

The [H.264](#) compression format drastically reduces the file sizes and conserves valuable bandwidth and storage space. The VS8401 supports simultaneous dual streams to be transmitted in [H.264](#), MPEG-4 and MJPEG formats for versatile applications. The streams can also be individually configured with separated frame rates, resolution, and image quality so as to meet different platforms or bandwidth constraints.

Featured with intelligent video functions, such as [motion detection](#) & temper detection, the VS8401 is capable of upgrading an analog camera into an intelligent camera. The [tamper detection](#) feature can detect events such as blockage, redirection, defocus, and spray-painting of camera lens, making it an intelligent solution to possible camera obstruction. Furthermore, it also upgrades the security level of the IP surveillance system with the network security protocols, [HTTPS](#) and 802.1x.

It is also designed with Giga LAN for large transmission need and DC 12V / AC 24V compatible power input design. These features make it easy to install and integrate with the existing analog system.

The built-in SD/SDHC card slot offers a convenient and portable storage option to prevent data loss in case of network disconnection. Monitoring with VIVOTEK's ST7501 as the video management software for better scalability and easy-to-use operation is another delightful benefit. Most importantly, it is designed for rack mount solution for easy installation. The solution for video server is a pioneering idea in the world. The innovative vision of video server, VS8401, helps you easily upgrade to a full-featured, high-end IP surveillance solution!

Up to 30 fps in D1 Resolution Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec) 4-CH Video and Audio In Two-way Audio RS-485 Interface for PTZ Camera Control 4 Digital I/O for External Sensor and Alarm Built-in SD/SDHC Card Slot for On-board Storage DC 12V / AC 24V Compatible Power Input Professional Rack Mount Compatible Design Supports Gigabit Ethernet Data Transmission Camera

Control PTZ camera control through RS-485

Supported devices and protocols: DynaDome / SmartDome, Pelco D, LiLin, Pelco P, Samsung scc643, and customized types

Supports CGI command serial driver Video Compression: H.264, MPEG-4 & MJPEG

Streaming:

Simultaneous dual streams

H.264 streaming over UDP, TCP, HTTP or HTTPS

MPEG-4 streaming over UDP, TCP, HTTP or HTTPS

MJPEG streaming over HTTP or HTTPS

Supports activity adaptive streaming for dynamic frame rate control

Supports 3GPP mobile surveillance

Frame rates:

H.264: Up to 30/25 fps @ 720 x 480 (NTSC) /720 x 576 (PAL) per channel, Up to 180 fps at D1 in total

MPEG-4: Up to 30/25 fps @ 720 x 480 (NTSC) /720 x 576 (PAL) per channel, Up to 80 fps at D1 in total

MJPEG: Up to 30/25 fps @ 720 x 480 (NTSC) /720 x 576 (PAL) per channel

, Up to 240 fps at D1 in total Image Settings Adjustable image size, quality, and bit rate

Time stamp and text caption overlay

Flip & mirror

Configurable brightness, contrast, saturation, sharpness, white balance and exposure

Supports privacy masks Audio G.711 audio encoding, bit rate: 64 kbps, ?-Law or A-Law

Interface:

Audio output

Terminal block x 4

Audio input

up to 1Vrms, 3.5 m Phone Jack

Supports two-way audio

Supports audio mute Networking 10/100/1000 Mbps Gigabit Ethernet, RJ-45

ONVIF support

Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS,

SNMP and 802.1X Alarm and Event Management Triple-window video motion detection

4 D/I & 4 D/O for external sensor and alarm

Event notification using HTTP, SMTP, or FTP

Local recording of MP4 files

Tamper Detection On-board Storage SD/SDHC card slot Security Multi-level user access with password protection

IP address filtering

HTTPS encrypted data transmission

802.1X port-based authentication for network protection Users 10 clients on-line monitoring at the same time Weight Net: 800 g LED Indicator

System power and status indicator

System activity and network link indicator

Local storage activity indicator Power 12V DC

24V AC

Power consumption: Max. 24 W Approvals CE C-Tick FCC LVD VCCI Operating Environments Temperature: -10 ~ 50 °C (14 ~ 122 °F)

Humidity: 20% ~ 80% Viewing System Requirements OS: Microsoft Windows 2000/XP/Vista/7

Browser: Mozilla Firefox, Internet Explorer 6.x or above

Cell phone: 3GPP player

Real Player: 10.5 or above

Quick Time: 6.5 or above Installation, Management, and Maintenance RS-485: Half Duplex

Installation Wizard 2

32-CH central management software

Supports firmware upgrade Applications SDK available for application development and system integration Warranty 24 months Dimensions

Depth: 189mm

Width: 153mm

Height: 49.3mm

[Link to the product](#)