



# 1-CH Video Server VS8100



D1 • Tiny Design • H.264 •  
Power Sharing with CCTV

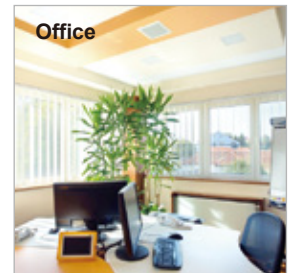
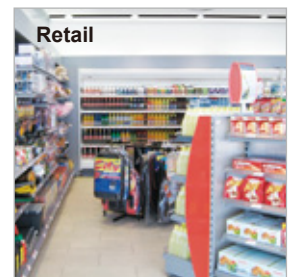
VIVOTEK VS8100 is a small-sized H.264 1-CH video server that helps you migrate from analog to digital surveillance system with ease. Its power sharing with CCTV and tiny design make it ideal for front-end installation and surveillance applications such as home, offices, retail stores, banks, and city surveillance, where their power supply and IP network connections are already settled. VS8100 supports a variety types of analog cameras, including PTZ cameras with its Pan/Tilt/Zoom control through the built-in RS-485 port.

With the high-performance H.264 compression format, it drastically reduces the file sizes and conserves valuable bandwidth and storage space. Supporting simultaneous multiple streams, the video streams can be transmitted in either H.264 or MJPEG formats for versatile applications. The streams can also be individually configured with separate frame rates, resolution, and image quality so as to meet different platforms or bandwidth constraints.

Together with the ST7501 multi-lingual 32-channel recording software, users can set up an easy-to-use IP surveillance system with ease. VIVOTEK also provides the smart phone application iViewer, both for iPhone and Android phones, enable users to monitor live video off-site.

## Features

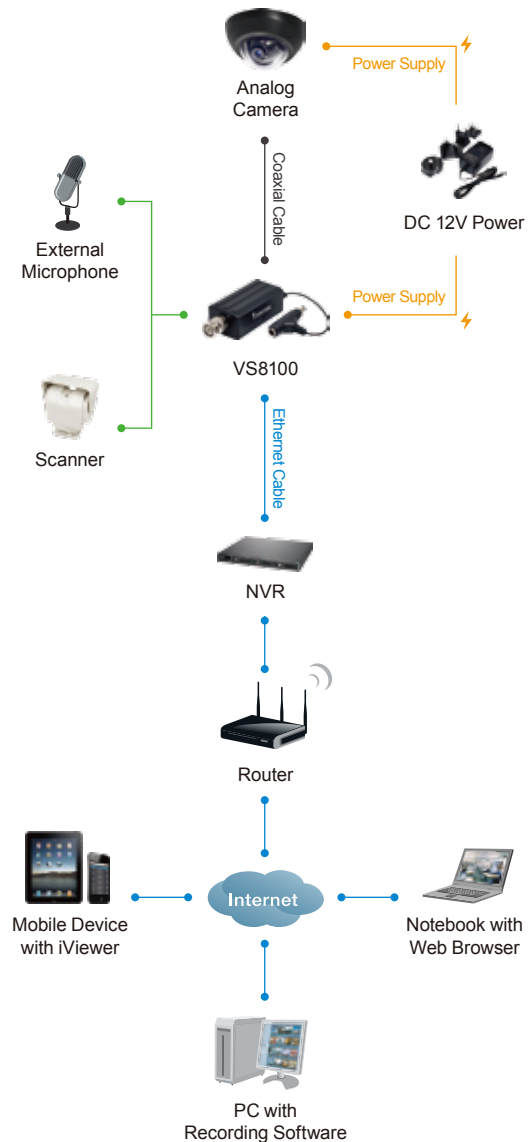
- Up to 30 fps at D1 Resolution
- Real-time H.264, MJPEG Compression (Dual Codec)
- Simultaneous Multiple Streaming
- One Way Audio
- RS-485 Interface for PTZ Camera Control
- Ultra-mini Size for Front-end Installation and Discreet Surveillance Application
- DC 12V Power Sharing with Analog Camera
- Green Product



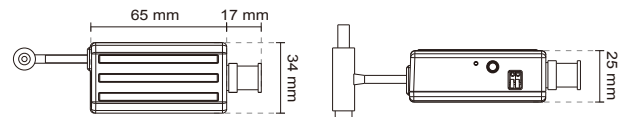
## Technical Specifications

Model	VS8100
<b>System Information</b>	
CPU	Multimedia SoC (System-on-Chip)
Flash	16MB
RAM	128MB
<b>Camera Control</b>	
	PTZ camera control through RS-485 Supports CGI command serial driver
<b>Video</b>	
Compression	H.264 & MJPEG
Maximum Frame Rate	30 fps @ 720x480 25 fps @ 720x576 In both compression
Maximum Streams	3 simultaneous streams
Video Streaming	Adjustable resolution, quality and bitrate
Image Settings	Adjustable image size, quality and bitrate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness Privacy masks Aspect ratio correction Deinterlace, 2D Noise Reduction
<b>Audio</b>	
Audio Capability	Line in
Compression	G.726, G.711
Interface	3.5mm Phone Jack
<b>Network</b>	
Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)
ONVIF	Supported
<b>Intelligent Video</b>	
Video Motion Detection	Triple-window video motion detection
<b>Alarm and Event</b>	
Alarm Triggers	Video motion detection, Video loss/restore detection, periodical trigger, manual trigger, recording notification, system boot, camera tampering detection
Alarm Events	Event notification using HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
<b>General</b>	
Connectors	RJ-45 for Network connection Male BNC for Analog video input RS-485 Terminal Block 3.5mm Phone Jack
Supported P/T/Z	DynaDome/SmartDome, Pelco D, Pelco P, Lilin,
Protocol	Samsung scc643 and customized
LED Indicator	System power and status indicator
Power Input	DC 12V
Power Consumption	Max. 5 W
Dimensions	25mm x 34mm x 65mm
Weight	Net: 64g
Casing	Plastic
Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick
Operating Temperature	0°C ~ 50 °C (32°F ~ 122°F)
Warranty	24 months
<b>System Requirements</b>	
Operating System	Microsoft Windows XP/Vista/7/2000
Web Browser	Mozilla Firefox 7~10, Google Chrome, Safari (streaming only) Internet Explorer 7.x or 8.x or 9.x 32 bit
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
<b>Included Accessories</b>	
Others	Quick installation guide, Warranty card

## System Overview



## Dimensions



## Compatible Accessories

### Power Adapter



**AA-221**  
DC 12V Power Adapter

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