VIVOTEK
BUILT WITH RELIABILITY

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.
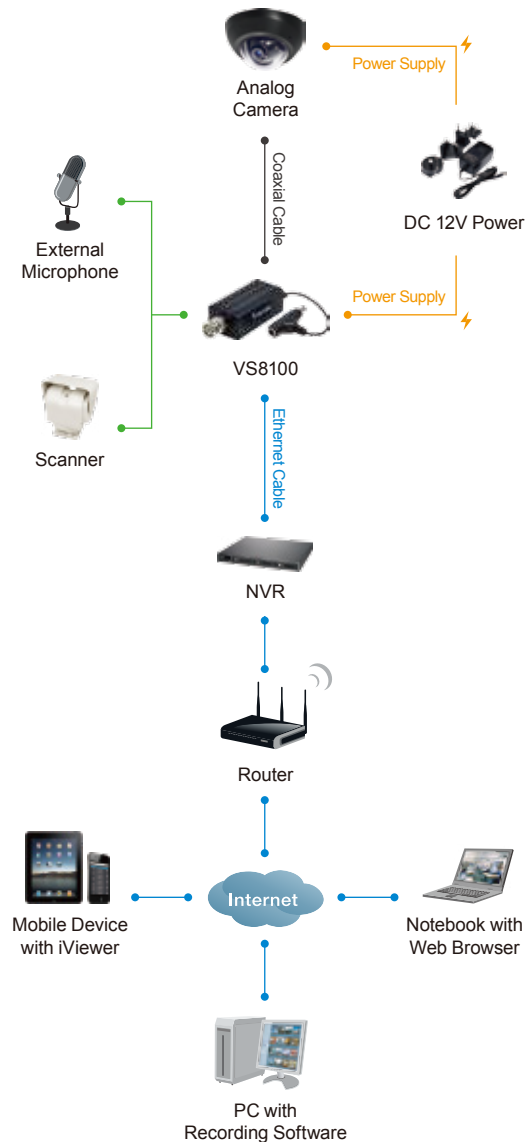
Features

- 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
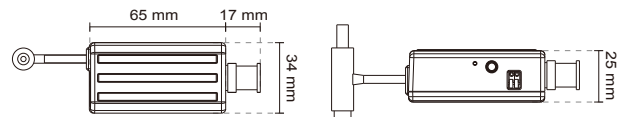- DC 12V Power Sharing with Analog Camera
- Green Product

Ultra-mini Size

Retail

ATM

Office

Technical Specifications

Model	VS8100

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	16MB
RAM	128MB

Camera Control

	PTZ camera control through RS-485
	Supports CGI command serial driver

Video

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 bit rate
	Time stamp, text overlay, flip & mirror
	Configurable brightness, contrast, saturation, sharpness
	Privacy masks
	Aspect ratio correction
	Deinterlace, 2D Noise Reduction

Audio

Audio Capability	Line in
Compression	G.726, G.711
Interface	3.5mm Phone Jack

Network

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

Intelligent Video

Video Motion Detection	Triple-window video motion detection

Alarm and Event

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

General

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

System Requirements

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

Included Accessories

Others	Quick installation guide, Warranty card

System Overview

Dimensions

Compatible Accessories

Power Adapter

AA-221
DC 12V Power Adapter

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