



VS8100-v2

1-CH Video Server



D1 • Tiny Design • H.264 • Power Sharing with CCTV • Smart Stream II

VIVOTEK VS8100-v2 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-v2 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

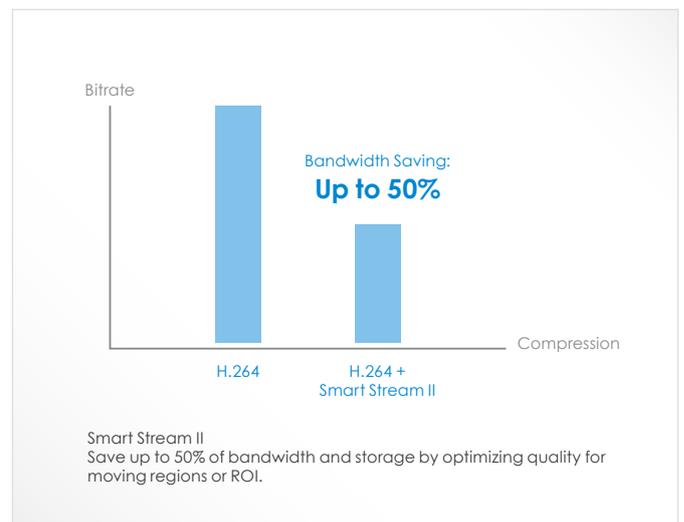
streams, the video streams can be transmitted in either of H.264 or MJPEG formats for versatile applications. The streams can also be individually configured with separate frame rates, resolution, and image quality so as to meet different platforms or bandwidth constraints.

When coupled with VIVOTEK's Smart Stream II technology, the VS8100-v2 can reduce both bandwidth and storage consumption by up to 50%*.

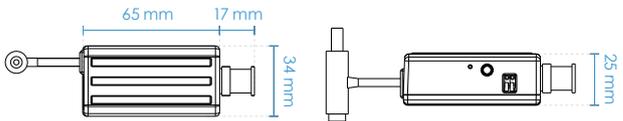
* Depending on scene monitored

Key Features

- 30 fps at D1 Resolution
- Real-time H.264, MJPEG Compression (Dual Codec)
- One-way Audio
- Smart Stream II to Optimize Bandwidth Efficiency
- 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



Technical Specifications

Model	VS8100-v2	Alarm Events	Event notification using HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
System Information		General	
CPU	Multimedia SoC (System-on-Chip)	Connectors	RJ-45 for Network connection*1 Male BNC for Analog video input*1 RS-485 Terminal Block*1 Audio input*1 DC 12V output (to camera)*1 DC 12V input (to power source)*1
Flash	128MB	Supported P/T/Z Protocol	DynaDome/SmartDome, Pelco D, Pelco P, Lilin, Samsung scc643 and customized
RAM	256MB	LED Indicator	System power and status indicator
Video		Power Input	DV 12V
Compression	H.264 & MJPEG	Power Consumption	Max. 3 W
Maximum Frame Rate	30 fps @ 720x480 25 fps @ 720x576	Dimensions	65 (D) x 34 (W) x 25 (H) mm
Maximum Streams	3 simultaneous streams	Weight	64 g
Video Streaming	Adjustable resolution, quality and bitrate, Smart Stream II	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
Image Settings	Adjustable image size, quality and bit rate; Time stamp, text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks; Scheduled profile settings, 2DNR	Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~122°F) Working Temperature: 0°C ~ 50°C (32°F ~122°F)
Audio		Humidity	90%
Audio Capability	One-way Audio	Warranty	24 months
Compression	G.711, G.726	System Requirements	
Interface	External microphone input	Operating System	Microsoft Windows 8/7
Network		Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11
Users	Live viewing for up to 10 clients	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/ RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, SSL/ TLS, ARP	Included Accessories	
Interface	10 Base-T/100 Base-TX Ethernet(RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.	Others	Quick installation guide
ONVIF	Supported, specification available at www.onvif.org	Dimensions	
Intelligent Video			
Video Motion Detection	Five-window video motion detection		
Alarm and Event			
Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection		

Compatible Accessories

Power Adapter



AA-222
DC12V 1.5A

Application

