VS8100-v2

1-CH Video Server

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

- 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
- Trend Micro IoT Security

Technical Specifications

System Information

Model	VS8100-v2
CPU	Multimedia SoC (System-on-Chip)
Flash	128 MB
RAM	256 MB
On-board Storage	Seamless Recording to MicroSD/SDHC/SDXC card

Video

Video Compression	H.264, MJPEG
Maximum Frame Rate	30 fps @ 720x480 25 fps @ 720x576
Maximum Streams	3 simultaneous streams
Video Streaming	Adjustable resolution, quality and bitrate, Smart Stream II
Image Settings	General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation); Image Settings: image adjustment (brightness, contrast, saturation, sharpness, X-offset, Y-offset), deinterlacing (spatial mode, blend mode); Privacy mask; Scheduled profile settings

Audio

Audio Capability	One-way Audio
Audio Compression	G.726, G.711
Audio Interface	External microphone input

Network

Users	Live viewing for up to 10 clients
Security	Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, Trend Micro IoT Security, user access log, user account management
Protocols	802.1X, ARP, CIFS/SMB, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP
Interface	10Base-T/100BaseTX Ethernet (RJ-45) * It is highly recommended to use standard Cat. 5e & Cat. 6 cables which are compliant with the 3P/ETL standard.
ONVIF	Profile S supported, specification available at www.onvif.org

Intelligent Video

Video Motion Detection	Five-window video motion detection
VADP Package	Trend Micro IoT Security (1-year free trial)

Alarm and Event

Event Trigger	Audio detection, camera tampering detection, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, system boot, video loss, video restoration
Event Action	Event notification via email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card

General

Supported P/T/Z	DynaDome/SmartDome, Pelco D, Pelco P, Lilin, Samsung scc643 and customized types
Connectors	RJ-45 cable connector for 10/100Mbps Network/PoE connection Male BNC for analog video input RS-485 terminal block Audio line input DC 12V power output (to camera) DC 12V power input (to power source)
LED Indicator	System power and status indicator
Power Input	DC 12V
Power Consumption	Max. 3 W
Dimensions	65 x 34 x 25 mm
Weight	64 g

Certifications	EMC: CE (EN55022 Class B, EN55024), FCC (FCC Part 15 Subpart B Class B), RCM (AS/NZS CISPR 22 Class B), VCCI (V-3/2016.11, Class B, V-4/2012.04); Safety: CB (IEC/EN 60950-1)
Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~122°F) Working Temperature: 0°C ~ 50°C (32°F ~122°F)
Humidity	90%
Warranty	36 months

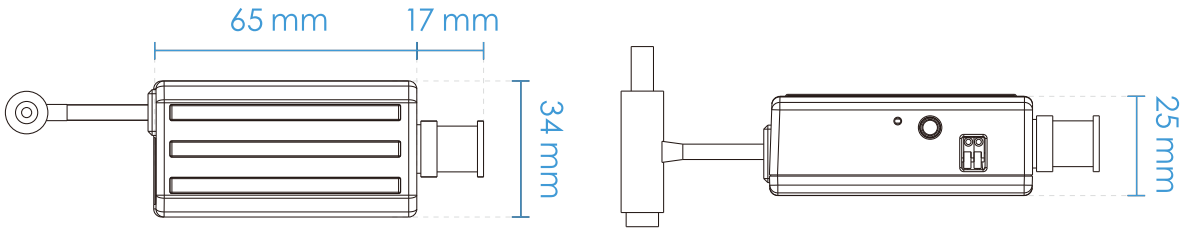
System Requirements

Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above

Included Accessories

Others	Quick installation guide

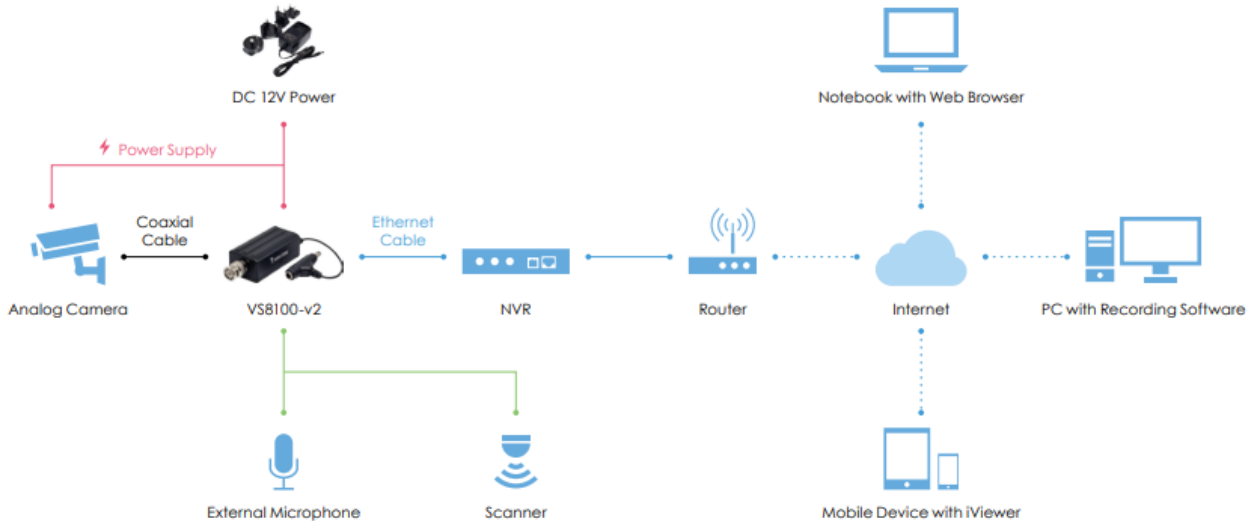
Dimensions



Compatible Accessories

Power Adapter
AA-221 DC12V 1.5A

Application



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