



MJPEG/MPEG-4 Video Server



The VIVOTEK VS7100 is a professional 1-CH video server for remote surveillance and digital security. Embedded with VIVOTEK VVTK-1000 SoC, it not only provides dual-codec video compression in MPEG-4 and MJPEG formats to efficiently optimize image quality and bandwidth, but also can simultaneously deliver dual streams with different resolutions up to D1 and video quality upon different devices. Users can easily migrate to an IP-based digital open system from the existing analog close system and meet different requirements for live viewing and recording. The VIVOTEK VS7100 also comes with versatile functions to meet specific applications such as 3GPP mobile surveillance, power over Ethernet (PoE), digital I/O for external sensor and alarm, RS-485 interface for PTZ camera control, and privacy masks and so on. Together with the free-bundled 16-CH recording software, this video server provides a cost-effective solution for a transit from CCTV to IP video.



VS7100

Features

- Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- Up to 30 fps in D1 Resolution
- Supports Simultaneous Dual Streams
- Supports 3GPP Mobile Surveillance
- Supports Two-way Audio
- Built-in Power over Ethernet (PoE) (Optional)
- Supports Digital I/O for External Sensor and Alarm
- Supports RS-485 Keyboard to Remotely Control PTZ/Dome Cameras
- Supports Privacy Masks

MJPEG/MPEG-4 1-CH Video Server

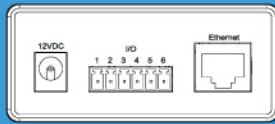
VS7100

Front Panel



78

Rear Panel



33



Technical Specifications

System and Hardware	<ul style="list-style-type: none"> CPU:VWTK-1000 SoC Flash:8MB RAM:64MB Embedded OS: Linux 2.4 	Event Management	<ul style="list-style-type: none"> Multiple-window video motion detection 1 digital input and 1 digital output Event notification using HTTP,SMTP,or FTP
Networking	<ul style="list-style-type: none"> Protocols TCP/IP, HTTP, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, and PPPoE Ethernet 10/100 Mbps Ethernet, RJ-45 	Power	<ul style="list-style-type: none"> 12V DC Power over Ethernet: 802.3af compliant (optional) Consumption: Max 4W
Video	<ul style="list-style-type: none"> MJPEG video with resolution up to D1 MPEG-4 video with resolution up to D1 Frame rates: up to 30fps 	Operating Environments	<ul style="list-style-type: none"> Temperature: 0 ~ 40 C(32 ~ 104 F) Humidity: 20%~80% RH
Audio	<ul style="list-style-type: none"> GSM-AMR speech compression 2-way audio(2nd stage) with audio mute Bit rate: 4.75Kbps to 12Kbps Supports 2-way audio(2nd stage) Supports Audio mute 	Applications	<ul style="list-style-type: none"> Installation wizard 16-ch recording software SDK available for application development and system integration
Streaming	<ul style="list-style-type: none"> Simultaneously dual-stream MPEG-4 streaming over UDP,TCP,or HTTP MPEG-4 multicast streaming MJPEG streaming over HTTP 	EMI & Safety	<ul style="list-style-type: none"> CE,FCC,VCCI
Security	<ul style="list-style-type: none"> Multi-level user access IP address filtering 	Viewing System Requirements	<ul style="list-style-type: none"> Operating system: Microsoft Windows 98, 2000, XP Browser: Internet Explorer 6 or above
		Pan/Tilt/Zoom	<ul style="list-style-type: none"> PTZ Camera Control through RS485 Supported devices and protocols: Sony VISCA Canon VC-C3, VC-C4 DynaDome/SmartDome Pelco D LiLin Ernitec Samsung SmartDome Supports CGI command serial driver

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