VIVOTEK

Extend Your View, Secure Your Life

Vivotek
IP Surveillance System

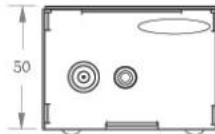## Video Server VS3102
MPEG4

Vivotek's IP surveillance technology offers more future-proof and cost-effective solutions to help you migrating from analog to digital in a smooth way. Connecting to a network or modem, our digital compression technology ensures the lowest bandwidth requirement without sacrificing image quality. Vivotek's VS3102 video servers are implemented by a DSP, which provides the most professional embedded system ideal for transmitting multimedia streams over existing IP network. VS3102, based on MPEG4 video and in-house designed audio compression technology, are total solutions for integrators, SOHO, or home users at the best ratio of performance over cost. For today's application, not seeing is believing but hearing makes more sense. By integrating with a powerful multi-channel PC recorder software, you can step back and take a look at what just happened.

Features

- High performance and fully configurable MPEG4 compression
- Optimal synchronization of audio and video
- Built-in web server
- Motion detection with three sensitive windows
- Pre/Post alarm snapshots
- Remote control for sensor and alarm
- Multiple PTZ camera support with flexible interface

Technical Specifications VS3102

System
- CPU: Trimedia PNX1300
- RAM: 16MB SDRAM
- ROM: 2MB FLASH ROM

Networking
- Protocol
  TCP/IP, HTTP, SMTP, FTP, Telnet, NTP, DNS and DHCP
- Modem
  PPP(dial-up, direct cable connection)
- Ethernet
  10 baseT or 100 baseT Fast Ethernet auto negotiation

Video
- Algorithm supported
  MPEG4(short header mode)
- Video input
  BNC composite video input with NTSC/PAL auto-sensing
- Features
  Adjustable image size, quality and bit-rate
  3 motion detection windows
  Time stamp and text overlay
- Resolution
  NTSC
  Up to 30 frames at 176x120
  Up to 30 frames at 352x240
  PAL
  Up to 25 frames at 176x144
  Up to 25 frames at 352x288

Audio
- 24kbps,8kbps (optional)

Serial Port
- 9 pin D-SUB RS232 or RS485(PTZ camera control)
  max.115.2kbps

General I/O
- 1 sensor input max. 12VDC 50mA
- 1 relay output max. 24VDC 1A / 125VAC 0.5A

LED Indicators
- Network indicator
- Heartbeat indicator
- Status indicator

Dimension
- Length: 122.9mm
- Width: 72.3mm
- Height: 50mm

Weight
- NET. 380g

Power
- Consumption: near 4.2 W
- Input: 100-240VAC, 50/60Hz, 0.4A
- Output: 12VDC, 1.5A

Operating Environment
- Temperature: 0~65°C(32~149°F)
- Humidity: 95% RH

EMI & Safety
- CE, FCC, BSMI

Security
- Administrator and user group protected
- Password authentication

Pan/Title/Zoom
- Automatic PTZ camera and modem model detection
  Supported units and protocol:
  - Sony VISCA
  - Canon VC-C1, VC-C3, VC-C4
  - Dynacolor DynaDome
  - Pelco D protocol
- CGI command serial driver is supported

Alarm Features
- Motion detection with percentage and sensitivity
- 3 color images per camera for pre/post alarm
- Automatic transfer of stored images via email or FTP

Viewing System Requirement
- Operation system: Microsfot Windows98 SE, ME, NT4.0, 2000, XP
- Browser: Internet Explorer5.0 or above

Free Bundled ST3201 Software
- Remote configuration and control for four devices
- Event-triggered, scheduled, manual recording
- Instant search with preview windows
- Fast/slow forward replay and pause
- Hard disk quota warning
- Scheduled backup
- AVI format export
- * 16-channel commercial version is available

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