

MPEG4

Video Recorder Software

ST3401 serves as the best companion of Vivotek 3000 series video servers and network cameras to build the ideal surveillance application. With optimized decoder and display engine, it supports a maximum of sixteen simultaneous connections for recording and monitoring without lag. Multiple screen layouts and full screen display make monitor job painless.

The ST3401 is definitely an ideal remote surveillance solution for banking, parking garages, construction sites, factory automation, office building, hotel, public security, etc....

Features

- *Multi-channel monitoring and recording simultaneously*
- *Software decoder only, no extra hardware cost*
- *Manual, event driven and scheduler recording mode*
- *Remote digital output and input indicator*
- *Zero waiting database searching and event preview*
- *Remote PTZ camera control*
- *Hard disk storage indicator and alarm*
- *High compression ratio and storage capacity*
- *Recording benchmark: 550 days with 1 fps in 40GB HDD*

Technical Specifications

Channel Numbers

16 channels

Supported Devices

Vivotek video server
-VS3102
Vivotek network camera
-IP3111, IP3121, IP3112, IP3122, IP3132,
IP3113, IP3123, IP3133

System Requirement Recommendation

Supported OS: Microsoft Windows 98 SE, ME, 2000, XP

ST3401 minimum system requirements
-CPU: Intel Pentium III 1GHZ
-Memory: 256MB SDRAM
-Display chip: nVidia TNT, TNT2, GeForce series with 32MB display memory; ATI Radeon series with 32MB display memory(Windows XP, 2000 only)

Video Compression Type

MPEG4 (short header mode)

Frame Rate

NTSC: 1~30 frames per second
PAL: 1~25 frames per second

Exporting Format

MPEG4 video file, AVI file, printer, bitmap for snapshot

Resolution

NTSC: 176x120, 352x240
PAL: 176x144, 352x288
COMS:160x120, 320x240

Motion Detection

Three detection windows for each channel with intelligent adaptive motion detection by modifying the sensitivity and object size



Recording

- **Mode**
Manual control, event driven, scheduled
- **Bit-rate and Frame-rate**
Bit rate: 64kbps~1.2Mbps
Frame rate: 1~30 frames per second
- **Quality**
Medium, Standard, Good, Detailed, Excellent

Playback

- **Scheme**
Date, time interval, and event triggering with preview for every camera
- **Controls**
Play, Stop, Pause, Fast Forward, Slow Forward, Pull-bar, Zoom in, Zoom out
- **Speed**
Available from 1/16~16 times speed

Alarm Features

Monitoring 16 channels I/O
In-image motion detection indication
Local warning sound

Remote Control

Automatic PTZ camera model detection
Supported units and protocol
-Sony VISCA
-Canon VC-C1, VC-C3, VC-C4
-Dynacolor SmartDOME
-Pelco D protocol

★ Refer to Vivotek web site for a list of supported devices

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VIVOTEK INC.

6F., No. 192, Lian-Cheng Rd., Chung Ho, Taipei County, Taiwan
Tel : +886 2 22404099
Fax: +886 2 22404097
E-mail : sales@vivotek.com
Web:www.vivotek.com

