



ST7501

Free Video Management
Software



Free VMS Software · 32-CH Recording ·
16-CH Synchronous Playback

VIVOTEK ST7501 is the free video management software, featuring reliable recording and easy system management for diverse IP surveillance applications. ST7501 has three major components, ST7501 Server for recording, ST7501 LiveClient for live viewing and system management, and ST7501 Playback for browsing the database and retrieving the recorded media data. Users can install and run the three components on a single computer, or install all of them in three separate computers.

ST7501 Server is able to record network video streams up to 32 channels; while ST7501 LiveClient allows users to have real-time remote monitoring. In addition, the ST7501 Playback enables to retrieve the database with multiple advanced functions such as searching, browsing, and exporting. With ST7501 LiveClient and ST7501 Playback installed on other computers in different locations, users can have live viewing and database access for more efficient video management. Seamless integration with most VIVOTEK network cameras and video servers, ST7501 video management software provides you with reliable video surveillance unit.

Support List

- VIVOTEK Network Cameras: 7000 & 8000 Series (MD7560X & SF series excluded)

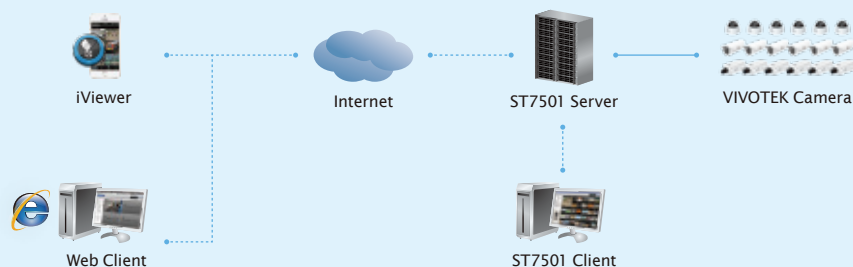
New Features in Version 1.8

- PiP Function for Digital Zoom
- 16-channel Synchronous Playback
- Post-Video Enhancement and Defog
- Multiple Fisheye Dewarp Support
- Web Access via Internet Explorer
- Device Packs for Extending New VIVOTEK Cameras
- Playback Rewind for Finding the Crucial Video Easily
- Multi-Language Support

Key Features

- 32-channel Live Video Monitoring
- PTZ/ePTZ Function Control
- Event Alarm Management
- Overall Device Management through Intuitive E-map Feature
- Two-way Audio, Multi-channel Audio Broadcast
- Instant Replay & Playback on Live Client
- Auto Stream Size for Reducing Display Loading
- Directly Set up Basic Parameters for Cameras

ST7501 Structure



Technical Specifications

Version	1.8	Event Management	
General		Event Period (sec.)	Max. 30
Maximum Number of Cameras	32	Event Application	LiveView Event Notification: Fixed & Popup Event Sound
Maximum Number of Server	1	Schedule Type	Continuous, Schedule, Manual
Maximum Number of Clients	Unlimited	Camera Event	Motion, DI/O, Video lost/restore, PIR, Tampering, Temperature, IR, IVA
Support OS	Windows XP, 7, Vista; Server 2000, 2003, 2008	Camera Status	Connection status, Recording status, Recording error
Support Web Browser	Internet Explorer 11/10/9	Substation	Connection status
Mobile Support	iViewer (iOS/Android)	Storage Status	Connection status, Capacity status
Devices Pack	CSV file Update	Station Status	License status, Network status, Virtual memory status
LiveView (Local Display)		Event Action	Email, Start recording, Set DO, GSM short message, HTTP & Client Notification
Max. Channel	32 Channel	eMap	
Layout	Multi Layout display: 1x1, 2x2, 1+5, 3x3, 1+12, 4x4, 5x5, 1+31, 1P+2, 1P+6, 1P+8 Single layout display, Full screen display, Sequential display	Source	Import Picture
Stream Application	Stream Selection & Auto Stream Size	Marked	Add, Remove, Direction Control, PTZ Control & Indicator LiveView
View Application	Drag & Drop Remote I/O Control PIP (Digital Zoom) Instant Replay De-interlace Video Display Mode (Aspect Ratio)	Event Notification	Event Icon Light Flash
Fisheye Dewarp Mode	Fisheye Display Mode: Regular: 1O, 1P, 1R, 1O3R, 4R Wall mount: 1P2R, 1P3R Ceiling/Floor mount: 2P, 4R Pro, 1O8R	PTZ	
Playback		PTZ/ePTZ Control	Panel Control & Mouse Click Control
Max. Channel	16 Channel	PTZ/ePTZ Operation	Direction Control, Home, Zoom, Focus, Iris, Preset, Patrol (Group), Pan, Stop, Speed
Layout	Multi layout display: 1x1, 2x2, 1+5, 3x3, 1+12, 4x4 Single layout display, Full screen display, Sequential display	PTZ Operation Mode	Click to move & Continuous move
Playback Mode	Asynchronous & Synchronous	Export	
Playback Control	Play, Rewind, Pause, Stop, next / previous Video Start, next / previous Frame, 1/8X ~ 64X Speed Control, Bookmark	Print	Selection Windows & All Windows
Search Mode	Browsing, Date & Time (Fast), Event, Bookmark, Log, Timeline, Timeline Scale	Snapshot	BMP & JPEG
Video		Export file	AVI, 3GP & EXE
Video Format	MJPEG, MPEG4, H.264 AVC, H.264 SVC	Backup	
Video Resolution	Up to 5.0 Megapixel	Schedule	NAS (SMB & CIFS)
Video Enhancement	Basic Mode: Brightness, Contrast, Saturation, Hue Intelligent Mode: Defog, Rain, Snow, Fire / Smoke	System	
Audio		User Management	Authentication: Basic Account
Audio Format	G.711, G.726, AMR, AAC	User Level	Administrator, Power User, User, Operator & Guest
Audio Capability	Two Way	User Control	Permission, Accessible Cameras & Accessible Substation
Audio Control	Mute, Broadcasting & Sound Play	Date & Time	Sync PC
Record		Network	DDNS, SMTP, UPnP & Proxy
Recording Time (sec.)	Pre-Record: 3-15, Post-Record: 10-60	Language	Czech, English, French, German, Italian, Japanese, Persian, Portuguese, Russian, Spanish, Simplified Chinese, Traditional Chinese
Recording Stream Type	Unicast	Device Integration	
Recording Stream	Single	Joystick	VIVOTEK USB Joystick All Windows® Compatible USB Joystick
Recording Mode	Continuous, Schedule, Manual, Event, Activity Adaptive Streaming	Camera Integration	
Recording Setting	Recycle (unit: Size or Day)	Camera Insert	Manual & Search
Recording File Format	3GP	Basic Setting	UserName, Password & Camera model detection
External Storage	NAS (SMB & CIFS)	Connection Setting	Configuration Protocol: HTTP, HTTPS Streaming Protocol: TCP, UDP, HTTP, HTTPS
Recording		Video Setting	Video Stream, Compression, Resolution, FPS, Video Quality
		Audio Setting	Compression & Bitrate
		Remote Focus	Manual Focus Adjustment & Full Rang Scan
		NTP Setting	IP Address & Updating interval

System Requirements

Server (Recording Channels)	4Mbps for Each Channel	Below 32 CH		
Client (Display Channels)	720P, 4Mbps, H.264*	8 CH	16 CH	24 CH
	1080P, 4Mbps, H.264**	4 CH	10 CH	16 CH
CPU		2nd Gen. Intel® Core™ i3 Processors	2nd Gen. Intel® Core™ i5 Processors	2nd Gen. Intel® Core™ i7 Processors
RAM		2 GB or above	4 GB or above	8 GB or above
Graphics Adapter		DirectX 9 compatible 1GB graphics card		
Network Interface Card		1000/100/10 Ethernet		
* Display requirements of the 3MP fisheye camera is equal to a 720P camera.				
** Display requirements of the 5MP fisheye camera is equal to a 1080P camera.				
If installing Server & Client in the same PC, overall loading of the PC is to be evaluated.				

All specifications are subject to change without notice. Copyright © VIVOTEK INC. All rights reserved.

Distributed by:



VIVOTEK INC.
6F, No.192, Lien-Cheng Rd., Chung-Ho,
New Taipei City, 235, Taiwan, R.O.C.
T: +886-2-82455282 F: +886-2-82455532
E: sales@vivotek.com

VIVOTEK USA
2050 Ringwood Avenue,
San Jose, CA 95131
T: 408-773-8686 F: 408-773-8298
E: salesusa@vivotek.com

VIVOTEK Europe
Randstad 22-133, 1316BW Almere,
The Netherlands
T: +31(0)36-5298-434
E: sales europe@vivotek.com

Ver 2.5