# **Quick Installation Guide**

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## Package Contents







Software CD

#### Quick Installation Guide

Key Dongle

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This quick installation guide briefly explains the installation procedure as well as some basic configurations of VIVOTEK VAST central management software. For further setup and detailed feature descriptions, please refer to the user's manual on the software CD.

## Getting Started

#### **Minimum System Requirements**

Before installing the VAST software, make sure your system meets the following recommended minimum hardware requirements.

Server				
Operating System	Windows Server 2000, 2003, 2008 / and 64 bit), Windows Vista Business	Windows XP Professional (32 s (32 and 64 bit), Windows 7		
Channels	Below 32 channels	Above 32 channels		
CPU	Intel Core 2 Duo E6400 2.13GHz or above	Core 2 Quad Q6600 2.4GHz or above		
RAM	2 GB or above	3GB or above		
Network Interface Card	Ethernet, 1 Gbit recommended			
Graphics Adapter	AGP or PCI-Express, minimum 1024	4×768, 16 bit colors		
Hard Disk Type	ATA-100, SATA, SCSI, SAS (7200 r	om or faster) in NTFS format		
Hard Disk Space	750 GB free			

#### Server, LiveClient, and Playback

Operating System	Windows Server 2000, 2003, 2008 / Windows XP Professional (32 and 64 bit), Windows Vista Business (32 and 64 bit), Windows 7				
Channels	Below 16 channels	16 ~ 32 channels	32 ~ 40 channels	Above 40 channels	
CPU	Core 2 Duo E6400 2.13GHz or above	Core 2 Duo E8600 3.33GHz or above	Core 2 Quad Q6600 2.4GHz or above	Core i7	
RAM	2 GB or above		3GB or above	4GB or above	
Network Interface Card	Ethernet, 1Gbit recommended				
Graphics Adapter	AGP or PCI-Express, minimum 1024×768, 16 bit colors Minimum 128MB Video RAM, 512MB recommended				
Hard Disk Type	ATA-100, SATA, SC	CSI, SAS (7200 rpm	n or faster) in NTFS t	format	
Hard Disk Space	750 GB free				



The required hard disk space will depend on the number of network cameras and recording group settings. Please add more hard disks if you want to extend the system.

## VAST Installation Installing the VAST Software

1. Run VAST\_Setup.exe on your computer, and specify a location to install the program.



2. Select the items you want to install, then click Next to continue.

Check the components y you don't want to install.	onalianse Options ou want to install and uncheck Click Next to continue.	the components	
Select components to install	WAST LiveClerk		<ul> <li>Server application</li> <li>Client applications</li> </ul>
Space required: 327.3MB	c (ad	Not >	

3. Assign a username and password for the VAST Server.

VIVOTEK VAST Setup : Set	ver Configuration	
WST Server Usemane:	StAdmin	
VAST Server Password:		
Confirm Password:		
Cancel	< gack	Next >

4. Install a database on your server. There are two options--PostgreSQL (8.2 version or above) or SQL server (2005 express version or above). In order to avoid conflicts among different databases, we suggest you remove the original database from your host. Then follow the instruction below to install PostgreSQL or SQL server. a. Select **PostgreSQL** or **SQL Server** from the drop-down list and assign a password. VAST server will by default store the recorded media file under c:\Recording. Click **Browse** ... to change the path if you plan to store the data under another path. Then click **Next** to continue.

Station Name:	WTK_Ration1	
Detabase Type:	Pettare50.	
Defubase Name:	WIST	
Database Username:	STAdom	
Database Password:	4444	
Confirm Password:	****	
Station Listen Port:	3454	
KTSP Port:	554	
Default Recording Paths	C//fecording	3

#### PostgreSQL

b. If you do not have PostgreSQL, select the first option to begin the installation. If you already have PostgreSQL installed on your host, select the second option to enter the related information.

I already have a PostgreSQL mitalled.	
	10.1

Station Name:	WTK_Station1
Database Type:	ICA Server
Database Name:	VAST
Database Usemane:	STAdmin
Database Password:	****
Confirm Password:	****
Station Listen Port:	3454
ATSP Parts	554
Default Recording Paths	C/Pecording

#### SQL Server

b. If you do not have SQL server, select the first option to begin the installation. If you already have SQL server installed on your host, select Windows authentification or SQL Server authentification.

VIVOTEK VAST Sensy SQL Server (	Configuration 📰 🗆 🔀
I do not have SQL Server, please instal.	
OI already have a SQL Server notabled.	
in Windows Automation	- 10 Jerrel Authentication
	(114)
Cancel	<pre>cputs</pre>

c. Wait for the installation process to complete, then click Close to exit the installation program.

VIVOTEK VAST Setup Including	VIVOTEK VAST Setter Landling
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## VAST LiveClient Configuration Activating VAST LiveClient

- 1. After installation, run the VAST LiveClient program.
- Enter the IP Address, User Name, Password and Communication Port of the VAST Server.
- 3. Click Login, the monitoring window will be displayed.



#### VAST LiveClient User Interface

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	Assessed	2 www.mi	Assessed	2. versional	Sec.	Sweene	2 weights

- A. Menu bar B. Quick access bar C. Hierarchical management tree
- D. Camera control panel (PTZ control panel / Two way audio / Instant Playback control panel)
- E. Status panel F. Live video monitoring window G. Event window

## How to Add Devices

Select a station from the hierarchical management tree; click **Configuration > Camera Management** on the menu bar (or **right-click** the target station, then select **Camera Management**). The Camera Management window will pop up.



- a. Enter the Camera Name, IP address (User Name and Password if necessary).
- b. Click **Detect Model** to detect the device, then its model name and MAC address will show up in the blanks if the connection is successful. Specify the channel index for multi-channel video server; specify the recommended monitoring and recording stream for the device.
- c. You can also click Search Camera to search for all VIVOTEK network cameras/video servers on the LAN.
- d. Click Connection Test to preview the live video.
- e. The device will automatically be assigned to the default recording group. Uncheck the item if you want to cancel this setting.
- f. Click **Insert** to add the device to the station, and it will show up under the hierarchical management tree.
- g. To add more devices to the system, repeat the above steps.

- h. Click **Exit** to close the camera management window and return to the monitoring window.
- i. Back to the main window, you will find the newly-inserted devices displayed under the station and the live video in the video cell.



#### How to Add Sub-stations

The VAST server allows you to construct a hierarchical management system by adding more sub-stations to the root station.

#### **Relay Settings**

Before adding a sub-station, please follow the instruction below to enable the **Relay Settings** on the sub-station first.

Login to the sub-station; select the station from the hierarchical management tree; click Configuration > Station Settings > Relay Settings on the menu bar (or right-click the station on the hierarchical management tree and select Station Settings > Relay Settings).



The Relay Settings window will pop up. Check **Allow Relay Connection** and enter a Password. Then click **OK** to enable the settings.

🔮 Relay Sellings	×
Relay Authentication	
Password:	
Confirm Password:	
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#### **Insert Sub-stations**

Select the station from the hierarchical management tree; click **Configuration > Station Management** on the menu bar (or **right-click** the target station, then select **Station Management**). The station management window will pop up.

System Edit View	Configuration L Coners Management Eldon Management Association Management Event Management Station Settings Client Settings	ayon -= t	UVTK	Station1(1 a Camer E Station d User M <u>A</u> ssoci <u>E</u> vent Station <u>F</u> ind	27.0.0.1) a Management Management danagement ation Management Management a Settings	t 
Station Management for VVTK_Statio	Tideo Enhancement	<u>.</u>			6	3
Station Tree for VVTK_Station1  VVTK_Station1(172.16.7	821 16 4 22)	IP Address / Password: Communicati	Host Name: on Port:	172.16.4. 3454	8	a
	G	List Sub-Sta	tion Herarchy	insert	Search Station	b
			WTK_Station21	(172.16.4.2	23	
Delete				Update	Qose	f

- a. Enter the IP Address and Password (defined in Relay Settings).
- b. You can also click Search Station to detect all VAST and ST7501 servers on the LAN.
- c. Click List Sub-station Hierarchial button to know if there is any sub-station under it.
- d. Click Insert to add the sub-station to the target station. The sub-station will be displayed under the hierarchical management tree.
- e. To insert additional sub-stations to the target station, repeat the above steps.
- f. When completed, click **Close** to exit the Station Management window and return to the main window.
- g. Back to the main window, you will find the newly-inserted stations displayed under the hierarchical management tree.



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### How to Add User Accounts

The VAST server allows users to add user accounts to a station with five levels of user roles.

Select the station from the hierarchical management tree; click **Configuration > User Management** on the menu bar (or **right-click** the station, then select **User Management**). The User Management window will pop up.



- a. Enter the User Name, Password and specify the User Role.
- b. Uncheck the privileges if you want to limit the access right.
- c. Click Add to add the user account to the server and it will be displayed under the User List.

er List	Account Management
WTK_Station1 = Administrator STAdmin - Power User C	User Name: User 1 Confirm Password: Confirm Pass
	Permittion         Accessible Cameria         Accessible Substation           Punctions         Desire         Desire           Punctions         Desire         Desire           Punctions         Desire         Desire           Punctions         Desire         Accessible Substation           Punctions         Desire         Accessible Substation           Punctions         Comman Management         Accessible Substation           Punctors         Punctors         Accessible Substation           Punctors         Management         Accessible Substation           Punctors         Punctors         Management         Accessible Substation           Punctors         Punctors         Modify         Modify           Punctors         Station Network Settings         Modify         Config           Punctors         Accessificorsing Group/Necording         Config         Modify Recording Group/Necording         Accessifie           Punctors         Scheduled Backup Settings         Config         Accessifier         Modify           Punctors         Scheduled Backup Settings         Accessifier         Modify         Modify
Acti Delete	Bestore

# VAST Playback Configuration

### Activating VAST Playback

- 1. After installation, run the VAST Playback program.
- 2. Enter the IP Address, User Name, Password and Communication Port of the VAST Server.
- 3. Click Login, the playback window will be displayed.

▼AST Playback	
Login local :	station
IP Address:	192.168.5.122
User Name:	STAdmin
Password:	****
Port:	3454
(	Login <u>C</u> ancel <u>M</u> ore >>

### **VAST Playback User Interface**

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 A. Menu bar
 B. Quick access bar
 C. Query panel (Browsing/ Time search/ Event search/ Log viewer)

 D. Status panel
 E. Recorded video playback window
 F. Playback control panel

 G. Video clips list
 Status panel
 Status panel

### How to View Recorded Video

1. On the **Browsing** page, **right-click** a station, device, or date item and click **Refresh** to display the recorded video clips.



 Click a date item on the hierarchical management tree. The corresponding recorded video clips will be listed on the video clip list. Double-click a video clip or drag-anddrop it to one of the video cells.



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 If you want to review all clips recorded on the same date, select a date then drag-anddrop it to one of the video cells.







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