

Quick Installation Guide

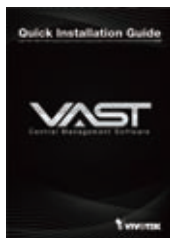
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Package Contents



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 / Windows XP Professional (32 and 64 bit), Windows Vista Business (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 1024×768, 16 bit colors	
Hard Disk Type	ATA-100, SATA, SCSI, SAS (7200 rpm 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, SCSI, SAS (7200 rpm or faster) in NTFS format			
Hard Disk Space	750 GB free			

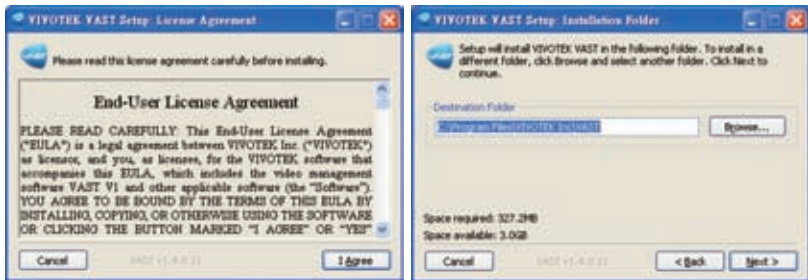


The required hard disk space will depend on the number of network cameras and recording group settings. Please add more hard disks if you want to extend the system.

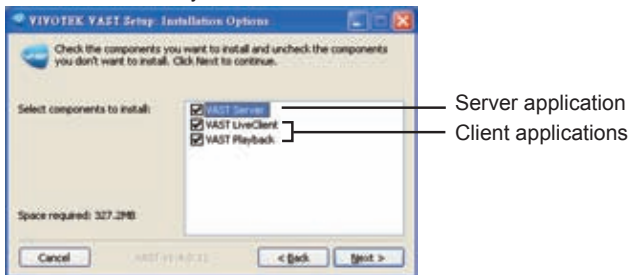
VAST Installation

Installing the VAST Software

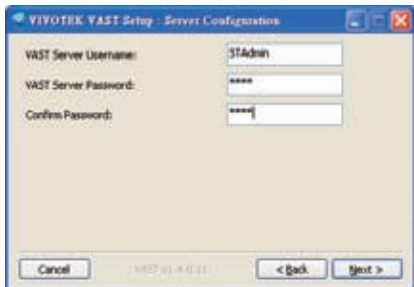
1. Run **VAST_Setup.exe** on your computer, and specify a location to install the program.



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

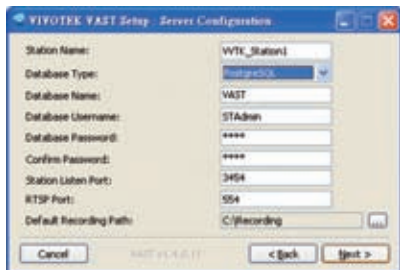


3. Assign a username and password for the VAST Server.



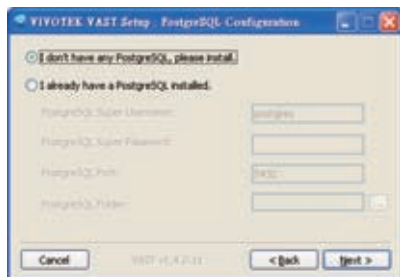
4. Install a database on your server. There are two options--PostgreSQL (8.2 version or above) or SQL server (2005 express version or above). In order to avoid conflicts among different databases, we suggest you remove the original database from your host. Then follow the instruction below to install 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.

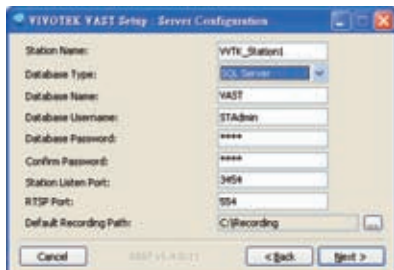
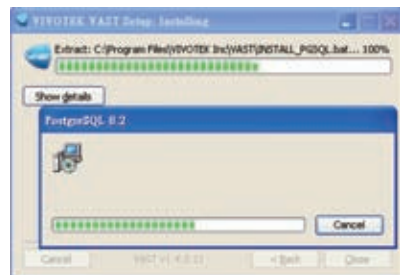


PostgreSQL

- 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.

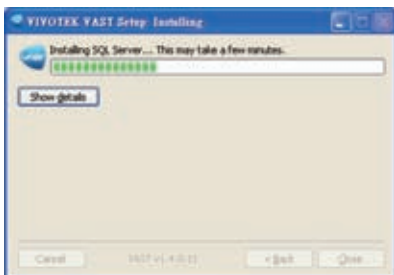
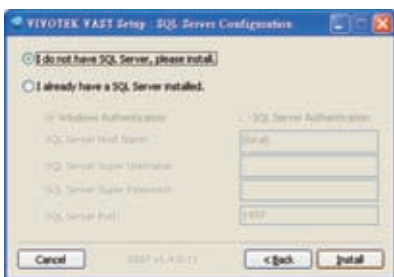


- c. Wait for the installation process to complete, then click **Close** to exit the installation program.



SQL Server

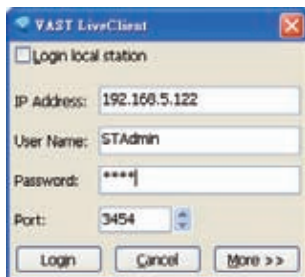
- b. If you do not have SQL server, select the first option to begin the installation. If you already have SQL server installed on your host, select Windows authentication or SQL Server authentication.



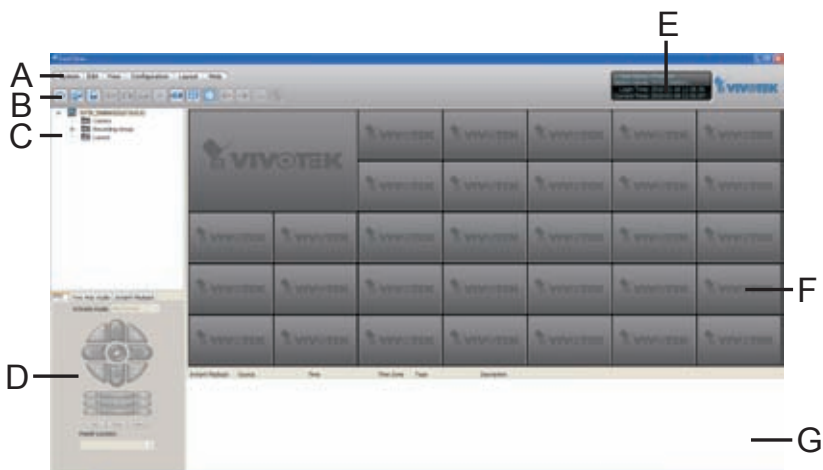
VAST LiveClient Configuration

Activating VAST LiveClient

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



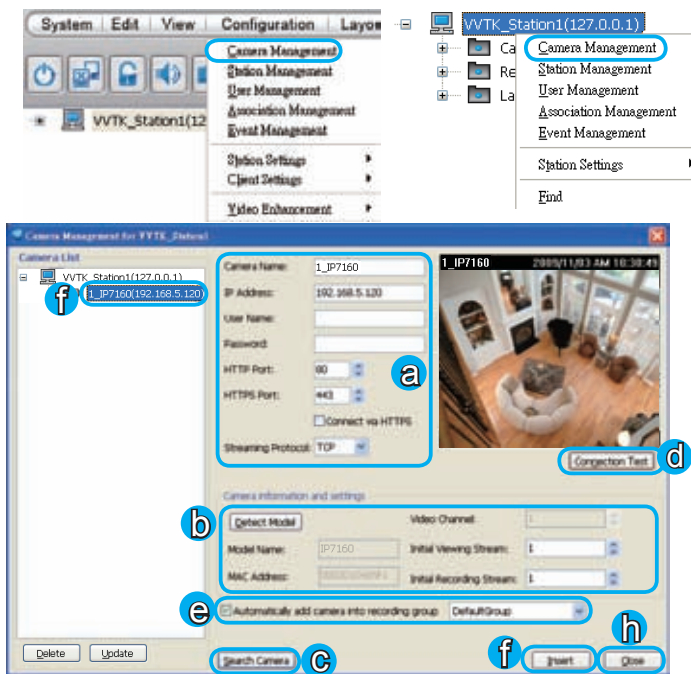
VAST LiveClient User Interface



- 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.



- Enter the Camera Name, IP address (User Name and Password if necessary).
- 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.
- You can also click **Search Camera** to search for all VIVOTEK network cameras/video servers on the LAN.
- Click **Connection Test** to preview the live video.
- The device will automatically be assigned to the default recording group. Uncheck the item if you want to cancel this setting.
- Click **Insert** to add the device to the station, and it will show up under the hierarchical management tree.
- 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.



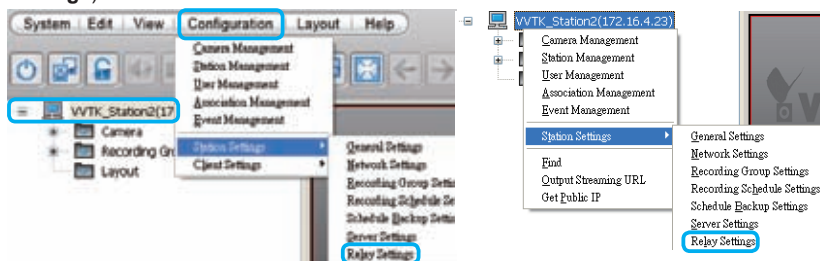
How to Add Sub-stations

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

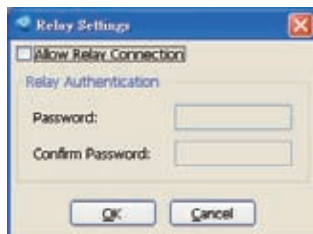
Relay Settings

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**).

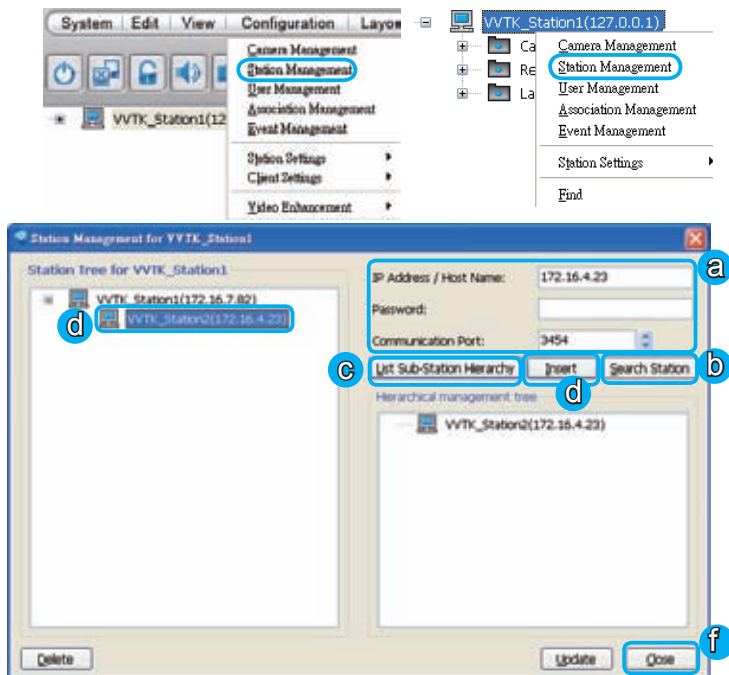


The Relay Settings window will pop up. Check **Allow Relay Connection** and enter a Password. Then click **OK** to enable the settings.



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.



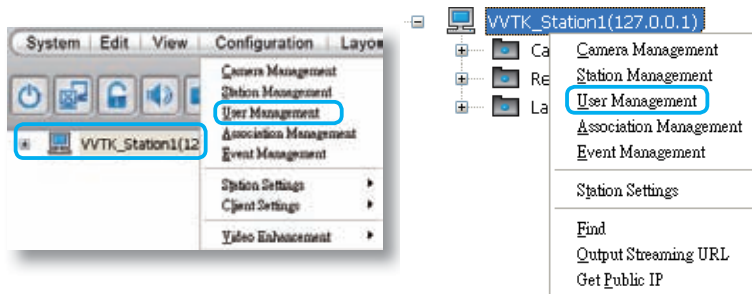
- Enter the IP Address and Password (defined in **Relay Settings**).
- You can also click **Search Station** to detect all VAST and ST7501 servers on the LAN.
- Click **List Sub-station Hierarchial** button to know if there is any sub-station under it.
- Click **Insert** to add the sub-station to the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



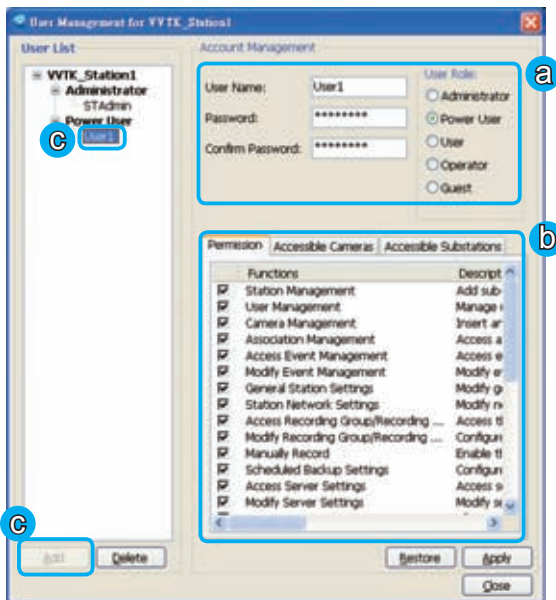
How to Add User Accounts

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.



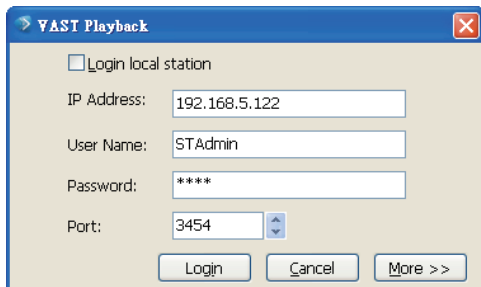
- Enter the User Name, Password and specify the User Role.
- Uncheck** the privileges if you want to limit the access right.
- Click **Add** to add the user account to the server and it will be displayed under the User List.



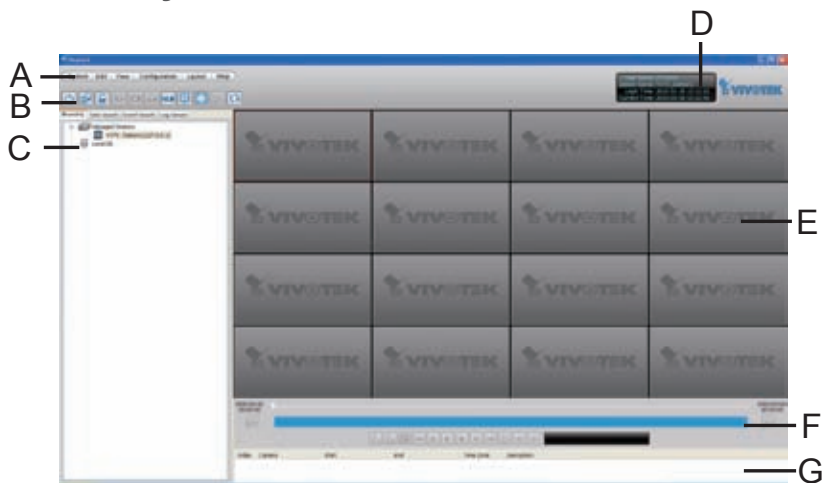
VAST Playback Configuration

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.



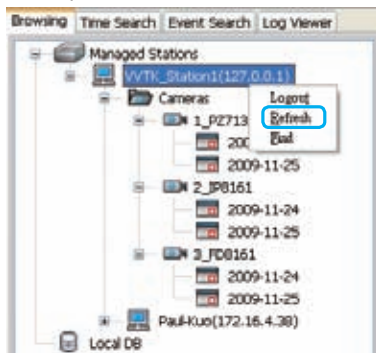
VAST Playback User Interface



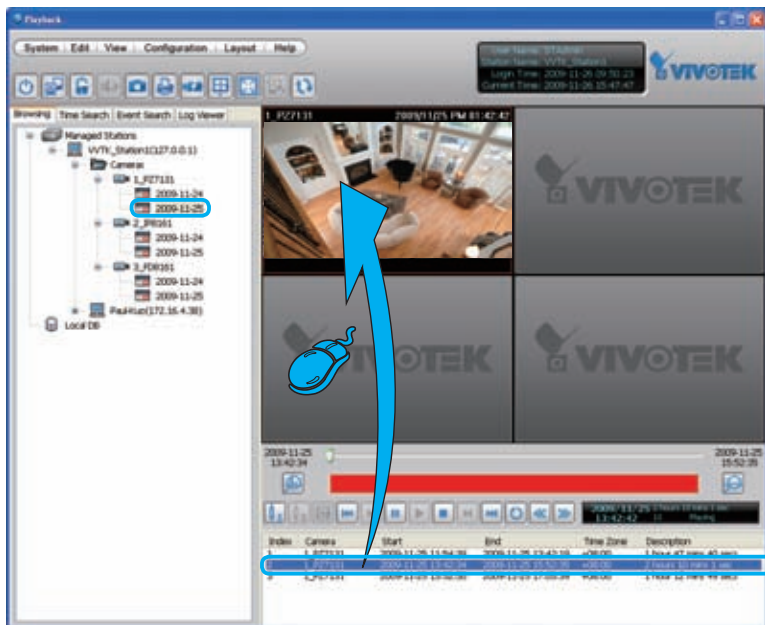
- A. Menu bar B. Quick access bar C. Query panel (Browsing/ Time search/ Event search/ Log viewer) D. Status panel E. Recorded video playback window F. Playback control panel
G. Video clips list

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.



2. 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-and-drop** it to one of the video cells.



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

