

User's Manual

VAST
Central Management Software

Rev. 1.6.1.11



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Revision History

Rev. 1.5.2:

- * VAST now supports Video Servers VS8801 & VS8401, and NVR servers NR8201 & NR8301.
- * Automatically saves the last layout when the management session is closed (for both LiveClient and Playback).
- * Added Playback as one of user's privilege options.
- * A web session with an individual camera can be launched by a double-click on a camera's icon.

Rev. 1.6.1:

- * Added description for Adaptive Frame Rate Adjustment with the new SVC codec cameras.
- * Added description for Auto Stream Size functionality.
- * Added functionalities related to FE8171V fisheye camera.
- * Added description for fisheye-specific screen control and playback functions.
- * Replaced some description for the changes/improvements made on the user interface.
- * Modified the graphic size limitation of E-map upload from 5MB to 2MB.

Rev. 1.6.18:

- * Corrected editorial errors and added a conceptual drawing for the SVC-T (Temporal) function.

Rev. 1.6.1.11:

- * Changed the maximum number of channel number in trial mode to 256.

Getting Started

Introducing VAST

VIVOTEK offers the most comprehensive central management software VAST V1.6, designed for managing all VIVOTEK IP surveillance products with intuitive functions and numerous features.

It supports management or monitoring of hundreds of cameras and stations in a hierarchical structure of system for monitoring, recording, playback, and event-triggered management with ease-of-use and efficient control.

Most particularly, the newest fully scalable feature VAST Matrix offers hundreds of live views for monitoring; with simultaneously 16-channel playback facilitating quick & easy browsing from multiple stations. It performs remote management with a large scale of the server & client structure and constitutes a robust system for stores, banking, and public space.

Special Features

- Powerful Video Wall Solution “VAST Matrix” for Hundreds of Live Views*
- Intelligent PiP Function -- Digital Zoom In and Multi-touch Mode
- Integrated with VIVOTEK NVR for Extreme Applications
- Convenient Remote Access via Client/Server Architecture
- Powerful Hierarchical Management for Hundreds of Stations*
- Effective & Reliable Event Trigger Management
- Real-time 64-channel Live Viewing and Simultaneous 16-channel Playback
- Multiple Simultaneous Streams for Different Media Platforms
- Activity Adaptive Streaming for Dramatically Reducing Bandwidth and Storage Space
- Synchronous/ Asynchronous Playback for Effortless Viewing
- Extremely Versatile Settings for Recording Storage and Recording Schedule Management
- Role-based User Management to Enhance Security Operations
- Efficient Data Backup, Search, and Export
- Intelligent PTZ/ E-PTZ Remote Camera Control
- Overall Device Management through Intuitive E-map Feature
- Instantly Playback Event Recording
- Supports Web Access via IE and FireFox
- Built-in Instant Player for Playback
- Supports Post-Video Enhancement and Defog
- Accessible through NAT Using the Public IP
- Supports Two Way Audio
- Supports Auto Stream Size
- Supports SVC adaptive frame rate setting

* The number of linked devices will depend on the license on the key dongle.

* The ability to extend devices is also subject to the network bandwidth and computer performance.

VAST Server and Client Components

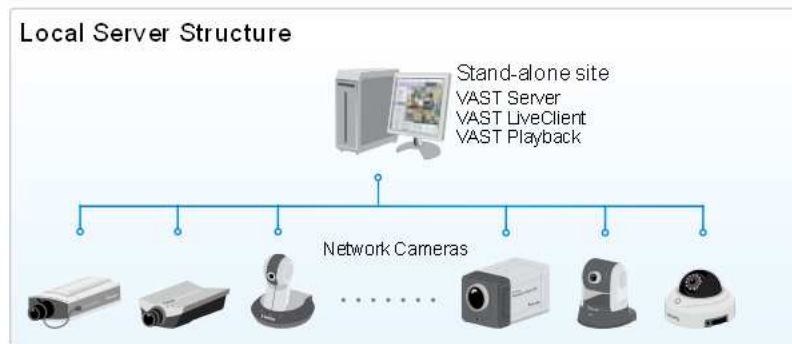
There are four components in VAST: one server component--VAST Server, three client components--VAST LiveClient, VAST Playback, and VAST Matrix.

VAST Server provides a centralized management site for video recording. VAST LiveClient is a client program for the user to login and modify the server's configuration, edit the server's recording storage, schedules and many other functions on the server; VAST Playback is another client program for the user to login and browse the recorded video database and video clips related to specific events on the server.

Usage Scenario

The powerful management scalability of VAST makes it suitable for managing small- to large-scale structures.

For users that manage only a few cameras, we recommend installing the client and server components on the same computer. A host with all of the three components installed is recognized as a stand-alone site. All the functions can be simultaneously performed on one single site.



For users who manage large-scale surveillance deployments, please plan the hierarchical structure first. Then you can start to add cameras to each station and connect these sub-stations to the root station. The whole hierarchical management system is thus constructed.

