

GSurf_Pro V2

Video Management System



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Grandstream Video Management Software (VMS) V2 is the enhancement version of Central Management System for Grandstream cameras and encoder/decoders. It provides a one-stop control for devices, video recording and alarm events. Use GSurf_Pro V2 to monitor, search and record up to 72 cameras simultaneously, manage videos locally or remotely via the controlled server with Client/Server architecture. Powerful features, yet easy to use design, make this a total solution package when combined with Grandstream IP surveillance products and 3rd party sensors.

Key Features & Applications

- Client/Server architecture with e-Map support
- Transmit Server allows multi-point viewing same live video.
- File Sharing Server allows video downloaded and replayed remotely.
- Multi-language support (English, Chinese, Russian, French, Spanish, Portuguese)
- Multi-screen display support with manual switch or automatic patrol viewing
- Configurable dual streams for local and remote display to save bandwidth
- Scheduled or Alarm triggered primary stream recording for different cameras
- Easy maintenance with import/export configure, user and log management
- Automatic patrol to pre-set positions, batch configure of Alarm DO/DI
- Two-way audio/video monitoring and alarming
- Smart Deletion allows old recordings be removed when disk full
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- Zoom-In selected region live, adjust video quality with less delay or better fluency.
- Replay up to 4 recorded local or remote video simultaneously
- Synchronize the time for all the IPCs with the server.
- Convert H.264 video to AVI format for video portability.
- Batch download videos and snapshots from SD card inside IPC over LAN via utility tool.
- Report System Operation Status or Update abnormal via email.
- Enhanced GS_Search allowing Search, Change IP and Wi-Fi for all IPCs in LAN.
- Function as central HTTP server to upgrade firmware of all IPCs in LAN.
- Realtime System Status Report (CPU and network usage, etc.)
- Check new version of GSurf_Pro automatically when selected.

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Technical Specifications

System Requirement	<p><i>Server:</i> OS: Windows 2003/2008 Server; Windows XP SP2/SP3; Windows 7 32bit/64bit; Windows 8 Processor: Intel® Core™ i5; 2.6GHz or above Memory Capacity (RAM): 8GB or above Hard Drive Capacity: 500G (depending on recording requirement) Graphics Card Type: Discrete Graphics Card (NVidia GeForce® GTX660 or above recommended) Network Adapter: 1000Mbps network adapter</p> <p><i>Client:</i> OS: Windows XP SP2/SP3; Windows Vista; Windows 7 32bit/64bit; Windows 8 Processor: Intel® Core 2 Duo™ or above Memory Capacity (RAM): 2GB or above Hard Drive Capacity: 250G (depending on recording requirement) Graphics Card Type: Discrete Graphics Card Recommended Network Adapter: 100Mbps network adapter, 1000Mbps recommended</p>
Multi-Language Support	Yes (English, Chinese, Russian, Spanish, French, Portuguese)
Transmit Server	Yes (Server as single source of video instead of individual cameras)
File Server	Yes (Centralized video recording file management for local and remote clients)
Video	<p><i>Compression:</i> H.264, MJPEG</p> <p><i>Resolution:</i> Support all resolutions from Grandstream cameras or encoder/decoder (FHD, HD, D1, VGA, CIF, QCIF, etc.)</p>
Real Time Monitor	<p><i>View Panel Layout:</i> 1, 4, 6, 8, 9, 16, 20, 25, 36, 72</p> <p><i>Manual Recording and Snapshot:</i> Yes</p> <p><i>Two-Way Audio & Video:</i> Yes</p> <p><i>Multiple Display:</i> Yes (Support maximum 4 display screen, with related hardware supplied)</p> <p><i>Zoom In Selected Area:</i> Yes (Realtime zoom in selected region)</p> <p><i>Image Delay or Fluency Adjustment:</i> Yes</p> <p><i>Re-open previously closed Video Stream:</i> Yes</p> <p><i>Full Screen Display:</i> Yes (hidden tool bar when in full screen display mode)</p> <p><i>Alarm & Log Display:</i> Realtime alarm information and operation log display (when selected)</p> <p><i>View Panel Arrangement:</i> Drag and draw to change panel display arrangement</p> <p><i>Polling Mode:</i> Support manual selected video display or automatically patrol polling video display</p>
Replay	<p><i>Replay Mode:</i> Play; Pause; Stop; Slow Forward; Fast Forward; Frame Forward; Mute; Snapshot during replay</p> <p><i>File Searching:</i> Support searching recorded video via Time, Device Name, Stored Disk, Channel or Alarm Event Type</p>
PTZ Control	<p><i>PTZ Control:</i> Yes (related hardware required, not provided)</p> <p><i>PTZ Console Speed Control:</i> Yes (related hardware required, not provided)</p> <p><i>Pre-defined Position Configuration:</i> Yes (Position Setup; Switching; Delete)</p> <p><i>PTZ Automatic Patrol to Pre-set Position:</i> Yes (Automatic Patrolling Pre-defined Positions)</p>
Alarm Action	<p><i>Event Type:</i> Motion detection; DO/DI input (3rd party I/O device, not provided)</p> <p><i>Event Setup/Delete:</i> Yes</p> <p><i>Play Pre-recorded Alarm Audio:</i> Yes</p> <p><i>Pop-up Window reminding Alarm:</i> Yes (when configured, pop up window displaying video from alarmed device)</p> <p><i>Alarm event displayed in e-Maps:</i> Yes (blinking alarm venue in e-Maps)</p>
Electronic Maps	<p><i>e-Map Management:</i> Yes (Add, Configure, Delete)</p> <p><i>e-Map Monitor:</i> Yes (Blinking alarm venue; pop-up alarm video)</p> <p><i>Layered e-Map:</i> Yes, Supported</p>
Program Control	<p><i>Automatic Logon:</i> Yes (when configured, automatic log on and load default setting and display arranged view panels)</p> <p><i>User Management:</i> Yes</p> <p><i>Auto Run when Power On:</i> Yes (when configured)</p> <p><i>Lock System:</i> Yes</p> <p><i>Exit Authentication:</i> Yes</p> <p><i>Configuration Import/Export:</i> Yes</p> <p><i>System Status Report:</i> Yes (Display CPU and Network Usage in real time)</p> <p><i>Email System Operation Status:</i> Yes (Log In, Modification, HDD Full, Add/Delete/Modify Device, Modify Group Property, Add/Delete/Modify e-Map)</p>
Utility Tools	<p><i>Event Type:</i> Converting H.264 format recording files to AVI format for portability.</p> <p><i>Event Setup/Delete:</i> Batch download files recorded in the SD card (for some supported IPC models)</p> <p><i>Play Pre-recorded Alarm Audio:</i> Yes</p> <p><i>Pop-up Window reminding Alarm:</i> Search, change IP address, configure Wi-Fi (supported models) for all IPC in the LAN</p> <p><i>Alarm event displayed in e-Maps:</i> Synchronize the time for all the IPCs with the server time.</p>
Automatic Update	<p><i>Software Version Automatic Upgrade:</i> Yes</p> <p><i>Central FW Control:</i> Function as central HTTP f/w server to manage and upgrade firmware for all IP Cameras in LAN</p>