

GT-GUI is a member of the Garantir family of Video Wall Management products. GT-GUI is an advanced, professional video wall management software that provides centralized control of video walls, input sources, display layouts, scheduling, remote operation, and real-time monitoring. The comprehensive and user-friendly graphical interface makes configuring, managing, and operating complex video wall systems intuitive and efficient.

- **Advanced Video Wall Management:** Enterprise-grade centralized video wall management software supporting multiple video walls, display controllers, and input sources. Provides flexible multi-window visualization, dynamic source positioning, layout management, and real-time content control for mission-critical environments.
- **Intuitive and Comprehensive Configuration:** Features a powerful, user-friendly graphical interface for creating and managing display layouts, source routing, presets, scheduling, and display configurations. Supports drag-and-drop operation for simplified system management.
- **Multi-Source Visualization:** Supports simultaneous display of multiple local and IP-based video sources with flexible resizing, positioning, layering, and full-screen visualization across the video wall.
- **Preset & Scheduling Management:** Enables creation, storage, and instant recall of predefined layouts. Supports automated layout switching, source selection, and content scheduling based on configurable time, date, or event triggers.
- **Real-Time Monitoring & Diagnostics:** Continuously monitors the operational status of video wall controllers, display panels, input sources, and network connectivity, providing real-time health monitoring and alarm notifications.
- **Remote Operation & Control:** Supports complete video wall control over standard IP/LAN/WAN networks without dedicated KVM hardware. Authorized users can manage and monitor the system through desktop or web-based interfaces.
- **Role-Based User Management:** Provides secure role-based access control with configurable permissions for administrators, supervisors, operators, and other authorized users.
- **Open Integration Architecture:** Supports integration with third-party video wall controllers, Smart City Command & Control Centers, ITMS, VMS, SCADA, surveillance systems, and enterprise applications through industry-standard APIs and communication protocols.
- **Scalable Client-Server Architecture:** Supports multiple concurrent operator workstations with centralized server management, ensuring high performance, reliability, and seamless scalability for small to large command and control installations.
- **High Availability:** Supports automatic recovery and failover mechanisms to ensure continuous and uninterrupted operation in mission-critical control room environments.

Parameter	Specifications
Centralized Video Wall Control	Provides a unified Graphical User Interface (GUI) for centralized management of video walls, display controllers, input sources, layouts, presets, and operational settings through a single platform.
Display Layout Management	Supports creation, editing, storage, and instant recall of custom display layouts with multi-window functionality, drag-and-drop positioning, and flexible screen arrangements.
Multi-Source Visualization	Supports simultaneous display of multiple local and IP-based video sources with unrestricted positioning, resizing, layering, and full-screen visualization across the video wall.

Layout Automation & Scheduling	Integrated scheduling engine enables automatic execution of predefined layouts, source switching, and content display based on configurable time, date, day, or event triggers.
User Access & Security	Supports Role-Based Access Control (RBAC) with configurable permissions for administrators, supervisors, operators, and other authorized users, ensuring secure system access.
System Health Monitoring	Continuously monitors the operational status of display panels, video wall controllers, input sources, servers, and network connectivity with real-time diagnostics and alarm notifications.
Device Integration	Compatible with video wall controllers, display panels, IP sources, and third-party systems. Supports integration with Smart City platforms, VMS, ITMS, SCADA, FCS, Command & Control, and enterprise applications through industry-standard APIs and protocols.
Client-Server Architecture	Enterprise-grade scalable client-server architecture supporting multiple concurrent operator workstations with centralized system management and distributed control.
High Availability	Supports automatic failover, recovery mechanisms, and redundant system operation to ensure continuous availability in mission-critical environments.
Scalable Visualization Engine	Enables simultaneous visualization of multiple local and remote video sources with dynamic resizing, positioning, layering, and unlimited layout flexibility.
Remote Management	Supports complete remote monitoring and control of the video wall system over standard IP/LAN/WAN networks using desktop clients or standard web browsers without dedicated KVM hardware.
Remote Display Power Control	Enables centralized remote ON/OFF control of individual display panels or the complete video wall over the IP network.
Collaboration & Content Sharing	Supports secure sharing of layouts, live content, and operational views across LAN/WAN for collaborative operations between control rooms, meeting rooms, and remote users.
Preset Management	Supports unlimited user-defined presets with one-click recall for rapid switching between operational scenarios.
Real-Time Control	Provides instant source switching, window resizing, content repositioning, and layout modification without interrupting ongoing operations.
Event-Based Automation	Supports rule-based automation for executing layouts, switching sources, and triggering actions based on predefined events or external system inputs.
Audit & Activity Logs	Maintains comprehensive user activity logs and operational event history for security, troubleshooting, and compliance purposes.
API & Third-Party Integration	Provides open APIs for seamless integration with external automation systems, Building Management Systems (BMS), Command & Control platforms, and custom applications.
Supported Platforms	Supports operation from Windows-based clients and browser-based interfaces including Microsoft Edge, Google Chrome, and Apple Safari.

Ordering Information:

Part Code	Description
GT GUI	GT GUI Video Management Software is an advanced, professional video wall management platform that provides centralized control of video walls, input sources, display layouts, scheduling, monitoring, and remote operations through a unified graphical user interface (GUI).