

LTC 8850 Series Philips GUI Allegiant® Servers

- Interfaces With All Allegiant® Series Systems
- Integration of All Software Modules Within a Single Program
- Alarm Event Logging and Reporting
- Direct Import of Map Files Created Using Popular Drawing Packages
- Controls Multiple Compatible VCRs
- Supports Live On-Screen In-Window P/T/Z Video Displays
- Supports Multiple GUI Workstations via PC Network



The LTC 8850 Series are software packages utilizing a Graphical User Interface (GUI) to integrate and control security systems. It incorporates Microsoft® OLE (Object Linking and Embedding) technology to harness the full 32-bit power of the Windows NT and Windows 95 Operating Systems. The GUI interfaces directly to the Allegiant series of video switcher/control systems and provides complete control and programming of all system features. Multiple GUI workstations can also control Allegiant systems via an existing PC network.

The GUI software program integrates many separate software modules to provide a single user interface for configuring, programming, and operating a security system. There is never a need to exit the system to access external security related software modules. Site maps or other drawings are easily loaded directly into the GUI where they can be "seeded" with special "link icons". These link icons are then used to transverse from map to map. Installers can then drag and drop device icons from dockable toolbars onto the maps. With a mouse click, icon configuration menus are then

presented allowing quick association of the icon with a hardware device. The capability to select the icon's color and configuration options using an extensive icon library is provided in these menus. The installer may also drag and drop configured devices directly from tables provided in the Allegiant software module. A special function icon is available which enables custom user-defined actions to be easily activated by the click of a mouse button. The LTC 8850 Series software packages include a VCR interface program. This VCR server can be used to program and operate multiple VCRs directly from a graphical interface using simple mouse clicks. The VCR server supports VCRs equipped with an RS-232 interface such as the LTC 3990, LTC 3991, and LTC 3963 Series. It is also possible to enter custom command strings to control other RS-232 equipped VCR models. The Allegiant Product Server software module provides a fully integrated, user-friendly spreadsheet-like interface for entering the Allegiant system's camera titles, sequences, alarm responses, and many other configuration features.

Taking full advantage of OLE software technology, the configuration tables within the Allegiant Server module have been internally "linked" to the map system. The titles of the camera icons on the maps are automatically changed when corresponding entries are made into the camera table of the Allegiant Server. Correspondingly, the table entry for a particular device icon on a map can easily be called automatically into view with simple mouse clicks on the icon.

Anything that can be accomplished through the Allegiant keyboard can be easily executed through the GUI. Appropriate "pop up" control panels are displayed with a simple mouse click on the graphical icons representing cameras and monitors. All functions including those of the AutoDome® system with programmable con-figuration capabilities and variable speed pan/tilt/zoom, are fully operational via the graphical control panels.

The GUI communicates with the Allegiant system using an optimized interface protocol which provides high performance real time control and monitoring of all Allegiant system

functions. This permits the on-screen icons to reflect the real time status of the devices controlled by the system.

The GUI contains a powerful centralized "event handler" module that is capable of processing events from multiple systems. When an alarm condition occurs, the event handler activates the GUI's response using a pop up window containing a "hot button" icon for each event. The hot buttons provide the ability to identify and control the system's response to the alarm condition or other event.

Future Product Server software modules for other security products can be added to existing software installations without reconfiguration of previously installed modules.

The LTC 8850 Series includes many other features. A password controlled log-in is used to determine the set of features presented to the user. The user sees only those controls that are available at his level. Drawing files from many popular drawing packages including DXF, HPGL, BMP, etc. can be directly loaded

into the GUI. The system also supports live "in window" control of pan/tilt/zoom functions when combined with the video digitizer card listed below; see **Note** under **PC Platform**. This "InWinPTZ" feature allows P/T equipped cameras to be controlled by dragging the mouse pointer in the direction of the desired movement within the on-screen video window. When controlling the variable speed AutoDome series of cameras, moving the mouse pointer further away from the center of the window will cause the camera to move faster.

SPECIFICATIONS

Software Models Available

LTC 8850/00: Single User Package.

LTC 8851/00: Multi- User Package (5 Station).

LTC 8852/00: Multi- User Package (10 Station).

Format: Software supplied on 3.5-inch floppy disks. Software security provided by means of parallel port key.

Minimum System Requirements - PC Platform

Pentium® 120 MHz CPU and SVGA Monitor.

8 Mbytes RAM (With Windows 95).

16 Mbytes RAM (With Windows NT).

250 Mbytes Fixed Drive.

3.5-inch High Density Floppy Disk Drive.

Window NT version 4.0 (Service Pack 3 or later) or Windows 95 Operating System (Windows 95 compatible with GUI release version 2.0 or greater).

Ports Required (Minimum): 1 Parallel, 1 Serial (Additional serial ports required if multiple systems are being controlled) for interface to the switcher. In addition, one serial port is required for each VCR to be controlled.

Pointing Device: Mouse, Trackball, or Touch Screen.

Note: For a live video display on the PC monitor, a Windows compatible Video Digitizer Card must be used. The "Flashpoint 128 Lite" (part 3085) supplied by Integral Technologies, Inc. may be used. For availability and your nearest distributor, contact Integral Technologies, Inc at 317-845-9242 or www.integraltech.com.

External Systems Controlled

The LTC 8850 Series Graphical User Interface (GUI) are compatible with all current versions of the Allegiant series video switcher/control systems. Product Server device drivers for the Allegiant series switchers and for compatible VCRs are included with the basic GUI package. Additional Product Server software modules for new products will be introduced as they become available.

Earlier versions of these systems may be upgraded to be compatible by the installation of current hardware or software upgrades. Contact your Philips Communication & Security Systems Inc. Sales Representative or Technical Support for details.

System Features

Complete Multilevel Map Displays

The system will directly import graphics files from most drawing packages. Supported file formats include DXF (up to DXF revision 12), HPGL, BMP, and many other popular graphical file formats. This feature permits the installer to directly use pre-existing site-maps and building drawings without the need to recreate new drawings and building plans. Site maps may be easily linked to allow the user to move seamlessly from top level site drawings to individual low level locations and back again.

Video Switching and Control

The software may be configured to operate with any current Allegiant series video switching and control system. This includes "stand-alone" systems as well as "Linked or Remote" systems interconnected in the SatelliteSwitch® mode. All video switching and control functions are performed by means of simple on-screen mouse operations.

Operates Using Existing PC Network

Multiple PCs linked together via a computer network can be used to control an Allegiant system. In a typical application, a single PC or computer server is connected to the Allegiant system using a standard RS-232 serial connection. Through this PC, other computer workstations can communicate via the network to control various Allegiant functions including, switching, P/T/Z operation, and programming. Each workstation requires Windows NT and a registered copy of the LTC 8850 software package.

Alarm Handling

Powerful Alarm handling software permits on-screen callup of site maps as well as the display of live inset Alarm Video. Customized Guard instructions may be programmed to display on-screen instructions which may be keyed to individual alarms.

Data Logging and Reporting

A record of all major system events may be stored on disk for subsequent recall and review.

Icon Library

A complete Icon Library is available to the installer to seed graphical representations of system functions directly on the map displays.

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