

LTC 8850 Series Allegiant Software Packages

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- ▶ 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

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 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 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 legacy VCRs directly from a graphical interface using simple mouse clicks. The VCR server supports VCRs equipped with an RS-232 interface. It is also possible to enter custom command strings to control other RS-232-equipped VCR or DVR 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 automatically be called into view with a simple mouse click on the icon.

Anything that can be accomplished via the Allegiant keyboard can easily be 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 configuration 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.

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.

Technical specifications

Software Models Available

LTC 8850/00	Single user package
LTC 8851/00	Five (5) station, multi-user package
LTC 8852/00	Ten (10) station, multi-user package
Format	Software supplied on CD-ROM, disk software security provided via the USB port key

Minimum System Requirements - PC Platform

Operating Systems	Windows® 98, Windows ME, Windows NT (Service Pack 6a or greater), Windows 2000 (Service Pack 4 or greater), or Windows XP Professional
Hardware	Intel® Pentium® 300 MHz CPU (or greater) 16 MB RAM (with Windows 98 or ME) 32 MB RAM (with Windows NT or 2000) 256 MB RAM (with Windows XP) 250 MB fixed drive CD-ROM drive
Ports Required (Minimum)	One (1) USB port (for software security dongle device), One (1) serial port for system communication (Note: additional serial ports are required if multiple systems are interfaced; and an additional serial port is required for each VCR/DVR to be controlled)
Display	SVGA (or compatible) display
Pointing Device	Mouse, trackball, or touch screen

Note: For LTC 8850 network configurations, Windows NT, 2000, or XP is required on all workstations. Windows Server is required on the PC attached to the Allegiant if the number of workstations exceeds 10.

Note: For a live video display on the PC monitor, a Windows-compatible Video Digitizer Card must be used. The FlashBus MV Lite supplied by Integral Technologies, Inc. may be used. For availability, and for your nearest distributor, contact Integral Technologies, Inc. at +1-317-845-9242 or www.integraltech.com.

Note: Because of resource limitations imposed by Windows 95, 98, or ME complex site installations (those having approximately 10 site maps or more) should be configured only on PCs running Windows NT 4.0, 2000, or XP. Additional RAM memory beyond that specified above is also strongly recommended.

Compatible Systems

The LTC 8850 Series Graphical User Interface (GUI) is 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.

Earlier versions of these systems may be upgraded to be compatible by the installation of current hardware or software upgrades. Contact your Bosch 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 easily be 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 via 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, PTZ operation, and programming. Each workstation requires Windows NT, Windows 2000, or Windows XP, and a registered copy of the LTC 8850 software package.

Alarm Handling

Powerful alarm handling software permits on-screen call up 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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Ordering information

LTC 8850/00 GUI Allegiant Single User Software Package

Complete with Allegiant and VCR server.
Order number **LTC 8850/00**

LTC 8851/00 GUI Allegiant Multi User Software Package

5 stations, complete with Allegiant and VCR server
Order number **LTC 8851/00**

LTC 8852/00 GUI Allegiant Multi User Software Package

10 stations, complete with Allegiant and VCR server,
Order number **LTC 8852/00**

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