Accutech 682114 LS 2400 Perimeter Display (Surface Mount)

LS2400PerimeterDisplay(SurfaceMount) | Remote Zone Status Monitoring



PRODUCT OVERVIEW

The **Accutech 682114 LS 2400 Perimeter Display** is a remote visual and audible monitoring station designed for the ResidentGuard LS 2400 wander management system. Engineered for surface-mount installation in high-visibility areas such as nurse stations or corridor intersections, this display provides localized awareness of perimeter activity without requiring staff to be at the physical exit point.

Equipped with specialized LED indicators and a high-decibel chime, the 682114 mirrors the status of its associated LS 2400 controller. It provides instantaneous notification of patient egress alarms, door-ajar conditions, and supervisory alerts, ensuring that clinical personnel can respond rapidly to any breach of the safety boundary.

ARCHITECTS AND ENGINEERS (A&E) SPECIFICATION

- **Functional Logic:** The perimeter display shall act as a remote secondary monitoring point, duplicating the alarm and supervisory status of its primary zone controller.
- **Audio-Visual Signaling:** The unit must feature high-brightness LEDs for visual alerting and an integrated chime with adjustable volume for audible notification.
- **Interconnection:** The display shall connect to the LS 2400 controller via a dedicated low-voltage wiring path, drawing power and signaling directly from the master zone processor.
- **Enclosure Design:** The structural housing must be a specialized surface-mount profile, allowing for installation on hard surfaces where recessed boxes are not feasible.

SYSTEM COMPONENTS

- **Remote Display Module:** The Accutech 682114 active display faceplate with integrated circuitry.
- **Surface-Mount Backbox:** Ruggedized enclosure for secure wall-mount application.
- **LED Indicator Array:** Dual-state color-coded visual alerts for "Alarm" and "Power/Supervisory" status.
- **Internal Chime:** Localized audio sounder providing distinct tonal patterns for different alert types.

FEATURES AND BENEFITS

- **Distributed Awareness:** Extends the reach of the wander management system by placing alarm indicators exactly where clinical staff are located.
- **Surface-Mount Simplicity:** Reduces installation time and structural impact by mounting directly to the wall surface, avoiding the need for masonry cutting.
- **Synchronized Alerting:** Operates in perfect lock-step with the door controller, ensuring zero latency between the perimeter breach and the remote notification.
- **High-Visibility LEDs:** Red and green indicator lights provide at-a-glance status verification even in high-glare clinical hallways.
- **Reliable Hardwired Link:** Uses a dedicated physical signaling path to prevent wireless interference or signal dropouts common with non-hardwired displays.

PRODUCT SPECIFICATION

Manufacturer	Accutech Security (An ICS Company)
Product Model Name	LS 2400 Perimeter Display
Part Number / SKU	682114
System Compatibility	ResidentGuard LS 2400 Wander Management
Mounting Topology	Surface Mount
Operating Voltage	12V DC (Powered via Controller)
Audible Output	Variable Decibel Internal Chime
Indicator Types	High-Efficiency LED (Red/Green)

COMPLIANCE AND CERTIFICATION

- **FCC Part 15 Class B:** Complies with low-emission standards to prevent interference with medical life-support and monitoring equipment.
- **UL Listed Component:** Verified as part of a UL-recognized access control and life-safety system.
- **ADA Standards:** Audible and visual signaling profiles match accessibility requirements for institutional warning systems.
- **RoHS Certified:** Manufactured without hazardous substances, supporting healthcare facility environmental standards.

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