Accutech 682112 Wander Nurse Station Display (Surface Mount)

NurseStationDisplay(SurfaceMount) | Localized Monitoring & Alarm Interface



PRODUCT OVERVIEW

The **Accutech 682112 Nurse Station Display** is a centralized monitoring and alarm notification node for the ResidentGuard LS 2400 wander management system. Designed specifically for surface-mount installation at nursing units, administrative desks, or clinical reception areas, this unit provides real-time situational awareness of all secured exits within its assigned zone. It ensures that staff are instantly notified of patient egress attempts, door-ajar conditions, or equipment supervisory alerts through clear visual indicators and distinct audible chimes.

By mirroring the alarm logic of the 662110 Door Controller, the 682112 allows clinical personnel to monitor remote perimeter doors without leaving their primary duty stations, maximizing response efficiency and enhancing resident safety.

ARCHITECTS AND ENGINEERS (A&E) SPECIFICATION

- **Zone Status Mirroring:** The nurse station display shall act as a hardwired remote secondary monitoring terminal, replicating the visual and audible alarm states of the primary zone controller.
- **Audio-Visual Matrix:** The unit must include high-efficiency red and green LEDs to signify Alarm and Power/ Supervisory states, alongside an internal speaker capable of multi-tonal alert patterns.
- **Configuration Interface:** The display shall provide localized volume adjustments for audible alerts to suit the ambient noise levels of specific clinical environments.
- **Installation Topology:** The enclosure shall feature a surface-mount profile, allowing for rapid installation directly onto wall surfaces, masonry, or cabinetry without recessed backbox requirements.
- **Communication Protocol:** The display shall interface via a low-voltage hardwired signaling path to ensure high-integrity, interference-free communication with the system master.

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SYSTEM COMPONENTS

The 682112 display station functions as an integrated localized monitoring kit:

- **Display Module Faceplate:** The active Accutech 682112 circuit board and decorative indicator panel.
- **Surface-Mount Housing:** Ruggedized backbox designed for secure external wall attachment.
- **Indicator Array:** High-brightness dual-color LEDs for clear status identification from a distance.
- **Audible Sounder:** Integrated high-decibel chime with adjustable volume control.
- **Wiring Harness:** Dedicated pigtail for power and signal connection to the zone controller.

FEATURES AND BENEFITS

- **Centralized Clinical Awareness:** Consolidates alarm data from multiple exits into a single monitoring point, reducing "alarm fatigue" and streamlining staff movement.
- **Rapid Response Integration:** Provides instantaneous notification of egress events, allowing staff to intercept residents before they move beyond protected areas.
- **Surface-Mount Versatility:** Ideal for retrofit projects, as it requires no structural cutting of walls or fire barriers.
- **Adjustable Alert Profiles:** Field-adjustable chime volume ensures alerts are heard in noisy areas while remaining unobtrusive in quiet night-shift environments.
- **Hardwired Stability:** Unlike wireless repeaters, the hardwired 682112 ensures that signal integrity is never compromised by structural RF shielding or dead zones.

PRODUCT SPECIFICATION

Manufacturer	Accutech Security (An ICS Company)
Product Model Name	Wander Nurse Station Display
Part Number / SKU	682112
System Architecture	ResidentGuard LS 2400
Mounting Classification	Surface Mount
Input Power	12V DC (Sourced from Controller)
Visual Indicators	Dual-State LED (Red/Green)
Audible Output	Multi-Tone Chime w/ Manual Volume Adjustment

COMPLIANCE AND CERTIFICATION

- **FCC Part 15 Subpart B:** Certified to operate without causing electromagnetic interference to life-support or clinical telemetry systems.
- **UL 294 System Component:** Manufactured using recognized materials for use in institutional access control and life-safety systems.
- **ADA Standards:** Meets national requirements for visual and audible emergency signaling in healthcare facilities.
- **RoHS Compliant:** Free of hazardous lead and mercury, supporting sustainable facility management.

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