

ACCUTECH 700019

Wander Voice Alarm | Centralized Wander Management Infrastructure Hub



PRODUCT OVERVIEW

The Accutech 700019 Wander Voice Alarm serves as a core hardware intelligence component within advanced wandering management and resident safety infrastructures. It is engineered to bridge the gap between physical perimeter sensors deployed at facility exits and localized control monitoring stations. By converting traditional electronic alert sirens into clear, pre-recorded verbal instructions, it eliminates the operational complexity of managing individual entry points. This centralized topology ensures that large-scale senior care, nursing home, memory care, and hospital facilities maintain instantaneous, real-time situational awareness.

Deployed directly at critical exit corridors, ward boundaries, or stairwells, the 700019 module channels audible notification telemetry via customizable vocal scripts. This proactive routing method eliminates communication bottlenecks and guarantees that complex localized data—such as patient elopement alerts, directional exit warnings, or specialized emergency instructions—is instantly translated into visible alerts. This active voice processing ensures absolute protection across expansive hospital wings, long care facility corridors, and high-risk infant protection perimeters by using clear speech to direct staff interventions and gently redirect confused residents.

ARCHITECTS AND ENGINEERS (A&E) SPECIFICATION

- **System Infrastructure:** The contractor shall supply, install, and configure the Accutech 700019 Wander Voice Alarm to act as a localized voice annunciation and secondary alarm notification node. The hardware must support immediate physical and acoustic visualization of active alarm status data generated by remote perimeter zone controllers.
- **Voice Announcement Interface:** The voice alarm panel must incorporate a high-fidelity voice synthesis or digital playback engine paired with a localized acoustic amplifier to actively communicate distinct, clear verbal alert messages upon unauthorized patient egress or peripheral device tamper triggers.
- **Control and Configuration:** The device internal interface shall feature dedicated programming parameters to allow authorized technical staff to configure custom or standard vocal phrase sequences and adjust localized volume attenuation matching local clinical floor requirements.

- **Enclosure and Structural Integration:** The electronics assembly shall be protected inside a heavy-duty, commercial-grade rigid housing optimized for flush-mount or surface-mount terminal configurations within standard electrical backboxes or adjacent door framing components.
- **System Interoperability:** The voice alarm architecture must feature validated native compatibility for direct low-voltage data connection with Accutech environmental safety platforms, ensuring non-latent signaling across the facility's dedicated security network.

SYSTEM COMPONENTS

The 700019 Wander Voice Alarm incorporates several fundamental integrated sub-modules and physical connection layouts:

- **Digital Voice Storage Board:** An integrated solid-state audio memory PCB managing localized digital sound clip preservation and high-fidelity vocal delivery paths.
- **High-Output Speaker Module:** Premium local acoustic transducer assembly featuring configurable volume control settings for various day/night clinical shifts.
- **Hardware Input Triggers:** Dedicated dry contact input terminal paths optimized to receive alert signals directly from adjacent wander prevention zone controllers.
- **Low-Voltage Terminal Backplane:** Multi-position wire terminal block array designed for clean, reliable power and communication line termination.
- **Flush/Surface Mount Chassis:** Rigid commercial-grade composite or metal junction enclosure providing physical structural protection and integrated grounding paths.

FEATURES AND BENEFITS

- **Centralized Station Awareness:** Consolidates remote zone alarm telemetry down to a single vocal monitoring focal point, greatly simplifying hardware footprints and reducing response times for clinical teams.
- **Real-Time Guard Verification:** Supplies continuous telemetry and alarm reporting data from across the property, letting staff intercept unauthorized zone entries immediately.
- **Clear Verbal Redirection:** Replaces confusing or frantic standard sirens with authoritative, calm voice instructions to gently redirect wandering residents and lower anxiety during an elopement event.
- **Frictionless Localized Resetting:** Features seamless interaction paths with local zone controllers to silence alerts or verify system health instantly without leaving the immediate workspace.
- **Validated Platform Interoperability:** Engineered for total compatibility out-of-the-box with established Accutech security environments, ensuring a unified approach to facility patient protection.

PRODUCT SPECIFICATION

Manufacturer	Accutech Healthcare Security Solutions
Product Model Name	Wander Voice Alarm (Audio Annunciator Module)
Part Number / SKU	700019
Audio Broadcast Format	Pre-Recorded / Digitally Synthesized Human Voice Phrases
Operating Input Voltage	12V DC / 24V DC Managed Low-Voltage Input Paths
Acoustic Output Rating	Variable High-Fidelity Audio Output Up to 85dB at 10 Feet

Communication Interface

Hardwired Low-Voltage Multi-Conductor Bus Terminals

Mounting Form Configuration

Flush-Mount Multi-Gang Electrical Box / Optional Surface Bracket

Wander System Compatibility

Accutech ResidentGuard Series Access and Security Environments

Chassis Construction

Industrial Commercial-Grade Housing Assembly

Primary Target Environments

Hospitals, Long-Term Care, Assisted Living, Memory Care

COMPLIANCE AND CERTIFICATION

- **FCC Status:** Designed and certified to meet FCC Part 15 regulations regarding digital device shielding. This guarantees that multi-zone switching and internal logic paths do not cause or sustain harmful electromagnetic interference with nearby diagnostic medical devices or critical patient networks.
- **UL Listing:** Engineered and assembled using components compliant with UL safety classifications for low-voltage signal appliances, auxiliary remote voice annunciators, and healthcare facility alert instrumentation.
- **RoHS Compliance:** Formulated in alignment with environmental protection directives, ensuring that the assembly, internal solder joints, and electronic trace configurations restrict the use of lead, mercury, and other hazardous materials.