Accutech 100909-10 Coupon 10 Pack for Wander Wearable Bands

Cylindrical Electric Strike | Centralized Wander Management Infrastructure Hub



PRODUCT OVERVIEW

The Accutech 100909-10 Coupon 10 Pack for Wander Wearable Bands 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 aggregating and processing structural anchoring and security signals from wearable patient bands, 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 on at-risk resident wearables within memory care wards, specialized hospital wings, and clinical safety zones, the 100909-10 module channels localized tamper and placement telemetry. This proactive routing method eliminates communication bottlenecks and guarantees that complex localized actions—such as authorized staff bypass, secure visitor access, and localized security overrides—are instantly synchronized with perimeter sensors. This active tracking processing ensures absolute protection across expansive hospital wings, long care facility corridors, and high-risk infant protection zones by safeguarding exposed external egress routes from environmental wear and unauthorized passage.

ARCHITECTS AND ENGINEERS (A&E) SPECIFICATION

- **System Infrastructure:** The contractor shall supply, install, and configure the Accutech 100909-10 Coupon 10 Pack to act as the primary external security access control and localized override node. The hardware must support direct integration configurations to synchronize active bypass states directly with peripheral zone controllers.
- **Wearable Protection:** The remote coupon secure-locking assembly shall incorporate a durable, commercial-grade structural design explicitly engineered to sustain continuous institutional wear, operating reliably across extreme temperature variations, direct moisture impacts, and high-humidity environmental conditions.
- **Access and Control:** The device front interface shall feature a heavy-duty, tactile mechanical interlocking matrix to allow authorized clinical staff, security personnel, and facility supervisors to execute localized door bypass commands and alarm resets directly at the security boundary.

- **Enclosure and Durability:** The electronics assembly shall be protected inside a ruggedized, vandal-resistant commercial-grade housing optimized for flush-mount or surface-mount terminal configurations on patient wristbands, transmitter straps, or ankle anchors.
- **System Interoperability:** The locking coupon architecture must feature validated native compatibility for direct low-voltage data connection with Accutech environmental safety platforms, ensuring non-latent signaling and secure credential validation across the facility's dedicated security network.

SYSTEM COMPONENTS

The 100909-10 Coupon 10 Pack for Wander Wearable Bands incorporates several fundamental integrated sub-modules and physical connection layouts:

- **Weather-Sealed Digital Logic PCB:** The primary multi-layer mechanical circuit assembly coated with protective conformal sealing compounds to isolate internal elements from moisture and dust intrusion.
- **Tactile Mechanical Locking Matrix:** Ruggedized, high-durability attachment layout featuring integrated mechanical retention tracks for secure, tamper-resistant band anchoring.
- **Heavy-Duty Relay Interface Module:** Integrated dual-state connection pathways dedicated to managing secondary electrical loops, band continuity lines, or local tag transmission parameters.
- **Low-Voltage Terminal Backplane:** Multi-position alignment block array designed for clean, reliable power, ground, and communication line bridging when seated against active transmitters.
- **Vandal-Resistant Outer Chassis:** Heavy-duty commercial-grade composite polymer enclosure providing structural impact protection and integrated resident comfort paths.

FEATURES AND BENEFITS

- **Centralized Boundary Awareness:** Consolidates remote wearable fastening states down to a single monitoring focal point, greatly simplifying hardware footprints and reducing response times for clinical teams.
- **Enhanced Tamper Mitigation:** Features an advanced environmental seal and interlocking alignment designed to withstand harsh outdoor and indoor elements, making it ideal for high-risk courtyards, exit pathways, and common areas.
- **Secure Mechanical Retention:** Employs a low-profile interlocking fastening structure to guarantee flawless alignment retention and error-free operation during rigorous daily resident activities.
- **Vandal-Resistant Construction:** Built using impact-resistant structural components that safeguard internal electronic processing paths against high-traffic workspace hazards and deliberate tampering.
- **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	Coupon 10 Pack for Wander Wearable Bands
Part Number / SKU	100909-10
Enclosure Protection Rating	Medical-Grade Moisture-Resistant / Vandal-Resistant Seals
Wander System Compatibility	Accutech ResidentGuard Series Access and Security Environments
Primary Target Environments	Senior Care Units, Memory Care Facilities, Long-Term Care, Emergency Egress Areas

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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 relay 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, exterior access control equipment, 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.