

ACCUTECH 200517

Barrel Key (spare) | Centralized Wander Management Infrastructure Hub



PRODUCT OVERVIEW

The Accutech 200517 Barrel Key (spare) 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 manual security overrides and staff credential actions at secure entry barriers, 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 primary egress paths, corridor locks, manual bypass panels, and restricted access zones, the 200517 module channels mechanical authorization overrides directly into the local physical barriers. 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 200517 Barrel Key (spare) to act as the primary external security access control and localized override node. The physical hardware must support direct keyway integration configurations to synchronize active bypass states directly with peripheral zone controllers.
- **Healthcare Environment Protection:** The remote mechanical authorization assembly shall incorporate a durable, commercial-grade structural design explicitly engineered to sustain continuous clinical exposure, operating reliably across extreme temperature variations, direct moisture impacts, and high-humidity environmental conditions.
- **Access and Control:** The device physical interface shall feature a heavy-duty, tamper-resistant barrel lock engagement path 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 precision-cut internal core and outer barrel assembly shall be protected inside a ruggedized, vandal-resistant commercial-grade housing optimized for standard facility keyring placement and secure operational workflows.
- **System Interoperability:** The mechanical credential architecture must feature validated native compatibility for direct low-voltage physical connection with Accutech environmental safety platforms, ensuring non-latent signaling and secure credential validation across the facility's dedicated security network.

SYSTEM COMPONENTS

The 200517 Barrel Key (spare) incorporates several fundamental integrated sub-modules and physical connection layouts:

- **High-Durability Tubular Core:** The primary mechanical code interface featuring precision-milled grooves to defeat standard picking tools and ensure exact tumbler alignment.
- **Flanged Keyway Alignment Guide:** Ruggedized, high-durability indexing tab layout featuring dedicated orientation tracks to achieve quick, tactile blind entry inside low-light corridor enclosures.
- **Heavy-Duty Torque Shaver Ring:** Integrated solid metal structural collar dedicated to transferring manual turning pressures evenly across inner locking deadbolts without risking structural shearing.
- **Low-Profile Keyring Anchoring Backplane:** Integrated structural loop layout designed for clean, reliable tethering to master medical keychains or retractable belt reels.
- **Vandal-Resistant Solid Alloy Chassis:** Heavy-duty commercial-grade composite metal body providing absolute structural impact protection and anti-crush resistance across high-traffic clinical settings.

FEATURES AND BENEFITS

- **Centralized Boundary Awareness:** Consolidates mechanical bypass control and physical corridor lockout states down to a single monitoring focal point, greatly simplifying hardware footprints and reducing response times for clinical teams.
- **Durable Healthcare-Grade Construction:** Built using high-quality robust metals engineered to withstand repeated clinical use, harsh chemical wipe-downs, and severe facility wear without deformation.
- **Seamless WanderGuard Compatibility:** Specifically matched to execute smooth lock interface rotations within Accutech platforms, ensuring non-jamming access during critical patient events.
- **Workflow Workload Reduction:** Provides an immediate physical backup solution for clinical teams, minimizing fixed-panel keypad steps and lowering overall healthcare workspace hazards.
- **Validated System Interoperability:** Engineered for total compatibility out-of-the-box with established Accutech lock mechanisms, ensuring a unified approach to facility patient protection.

PRODUCT SPECIFICATION

Manufacturer	Accutech Healthcare Security Solutions
Product Model Name	Barrel Key (spare)
Part Number / SKU	200517
Key Profile Geometry	Round Tubular / Concentric Barrel System
Enclosure Protection Ratingposition	Heavy-Duty Corrosive-Resistant Metallic Shielding

Interface Link Mechanism

Direct Physical Keyway Insertion for Mechanical Signal Overrides

Wander System Compatibility

Accutech ResidentGuard and WanderGuard Access Environments

Chassis Construction

High-Impact Solid Cast Zinc / Brass Structural Metal Alloy Base

Primary Target Environments

Main Egress Doors, High-Traffic Corridor Enclosures, Memory Care Units, Key-Switch Sub-Stations

COMPLIANCE AND CERTIFICATION

- **FCC Status:** Formulated as a purely mechanical security component. While it carries no active electronic trace paths, its physical profile is designed to work natively inside switches certified to meet FCC Part 15 regulations, guaranteeing zero electromagnetic degradation near sensitive medical instrumentation.
- **UL Listing:** Developed and engineered using base structural materials compliant with UL safety classifications for low-voltage signal appliance accessories, exterior access control system hardware, and healthcare facility alert instrumentation.
- **RoHS Compliance:** Formulated in alignment with environmental protection directives, ensuring that the heavy-duty metal casting process, surface plating options, and internal core alloys entirely restrict the use of lead, hexavalent chromium, and other hazardous materials.