

ACCUTECH 950008

LC1400T Startup Kit | Perimeter Protection & Entryway Wander Management Assembly

PRODUCT OVERVIEW

The Accutech 950008 LC1400T Startup Kit 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 automated security credentials and high-speed data telemetry from the accompanying diagnostics and testing modules, it eliminates the operational complexity of managing individual entry points. This centralized topology ensures that small to medium-scale senior care, nursing home, memory care, and hospital facilities maintain instantaneous, real-time situational awareness.

Deployed directly between peripheral zone controllers, transmitter wands, door controllers, and central administration frameworks, the 950008 module channels complex serial data traffic. 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 localized hospital wings, dedicated care facility corridors, and high-risk resident zones by establishing an uncompressed, bidirectional data pipeline for system programming, real-time diagnostics, and unified event logging while driving a visual zone matrix to map multi-door elopement alerts across distinct facility points.

ARCHITECTS AND ENGINEERS (A&E) SPECIFICATION

- **System Infrastructure:** The contractor shall supply, install, and configure the Accutech 950008 LC1400T Startup Kit to act as the primary visual status and monitoring interface bridging the peripheral exit networks and the main nurse workstation location. The hardware must support bidirectional communication to synchronize active bypass states, zone alarms, and real-time controller logs directly with the host computer software.
- **Healthcare Environment Protection:** The multi-zone indicator display assembly shall incorporate a durable, commercial-grade structural design explicitly engineered to sustain continuous clinical exposure, operating reliably across standard high-traffic healthcare IT environments.
- **Access and Control:** The device's physical data interface shall feature automated data direction control paths via an Identification Tag Activator/Deactivator (ID-TAD) to allow authorized clinical staff, security personnel, and system administrators to issue network-wide bypass commands, hardware configuration adjustments, and alarm resets from the central software console.
- **Enclosure and Durability:** The graphic indicator assembly shall be protected inside a compact, ruggedized commercial-grade enclosure case optimized for clean surface or flush wall mounting directly within administrative spaces, reception corridors, or command hubs.
- **System Interoperability:** The panel display architecture must feature validated native compatibility for direct connection with Accutech LC1400 wander management systems, ensuring non-latent zone signaling and localized alarm tracking across the facility's dedicated security network.

SYSTEM COMPONENTS

The 950008 LC1400T Startup Kit incorporates several fundamental integrated sub-modules and physical connection layouts:

- **762015 ID-TAD (Identification Tag Activator/Deactivator):** The primary internal multi-layer integrated circuit board interface used to turn resident tags on or off, verify battery percentages, and manage localized configuration entry.
- **680018 Test Tag (Red):** A dedicated system diagnostic transmitter tool designed to emit a simulated active field and verify boundary threshold alarm functionality.
- **100901 Grey Ankle/Wrist Band:** Heavy-duty comfortable wearable attachment bands deployed to coordinate patient-worn hardware integration securely.
- **RF485 Adapter & Cables:** High-speed integrated serial communication loop interfaces designed to channel localized security logs and data parameters.
- **200499 Hex Security Bit:** Specialized hardware tool engineered to protect internal microchip components and physical enclosures from unauthorized tampering.
- **850001 Print Documentation:** Unified technical programming, configuration, and event log mapping schematics.

FEATURES AND BENEFITS

- **Turnkey System Initialization:** Monitors, secures, and aggregates threat and hardware initialization data across new or expanded LC1400 wander management setups simultaneously using a singular kit configuration.
- **Discreet Diagnostic Implementation:** Provides convenient verification of controllers and remote receivers, protecting essential infrastructure from resident tampering or architectural constraints in large facilities.
- **Immediate Tag Programming & Tracking:** Instantly reads tag status, turns transmitter bands on/off, and triggers visual data readouts the second an RFID tag interacts with the ID-TAD module.
- **At-A-Glance Status Diagnostics:** Provides immediate physical verification of remaining battery percentage and device warranty dates, allowing teams to maintain proactive system maintenance.
- **Validated Platform Interoperability:** Engineered for native plug-and-play compatibility with Accutech LC1400 security networks and software suites, ensuring a unified approach to facility patient protection.

PRODUCT SPECIFICATION

Manufacturer

Accutech Healthcare Security Solutions

Product Model Name

LC1400T Startup Kit

Part Number / SKU

950008

Component Technology Type

Central Multi-Zone Visual Status Monitoring Interface & Mapping Panel

Wander System Compatibility

Accutech ResidentGuard LC1400 Systems and Central Infrastructure

Host Workstation Link

RS485 Integrated Serial Communication Interface / Data Loop

Baud Rate

115200 bps

Primary System Frequencies

418 MHz Receive / 129 kHz – 137 kHz Transmit

Chassis Enclosure Type

Rugged Architectural ABS / Commercial Polymer Enclosures

Primary Target Environments

Main Nurse Stations, Reception Areas, Central Security Rooms, Corridor Hubs

COMPLIANCE AND CERTIFICATION

- **FCC Status:** Designed and certified to meet FCC regulations regarding digital device shielding. This guarantees that internal motor microprocessors, switching pathways, and high-speed data translation steps do not introduce or sustain harmful electromagnetic interference across nearby diagnostic clinical devices or patient networks.
- **UL Listing:** Developed and engineered using interior assembly components compliant with UL safety classifications for low-voltage access control locking mechanisms, information technology equipment, and auxiliary healthcare resident safety tools.
- **RoHS Compliance:** Formulated in alignment with environmental protection directives, ensuring that the internal circuit layouts, external terminal components, and housing finishes strictly restrict the use of lead, mercury, polybrominated biphenyls, and other hazardous materials.