ACCUTECH 650216

LC1400T Single Gate Kit(Without Plug-In Power, Contacts, or Cable Kit)



PRODUCT OVERVIEW

The Accutech ResidentGuard LC1400T Single Gate Kit (SKU 650216) serves as a specialized standalone perimeter protection solution designed to prevent unauthorized patient egress or wandering through designated single gate or doorway zones. Engineered specifically as a core hardware assembly, this kit is provided without a plug-in power supply, magnetic door position contacts, or a cable kit, offering a clean hardware replacement or integration template for facilities utilizing an existing localized central power supply infrastructure or custom wiring setups.

ARCHITECTS AND ENGINEERS (A&E) SPECIFICATION

The patient wandering prevention and perimeter monitoring system shall utilize the Accutech ResidentGuard LC1400T Single Gate controller assembly. The controller shall generate a localized, low-frequency electromagnetic tag-detection zone capable of identifying active RFID patient transponders within the vicinity of the egress point.

The system controller shall support integrated keypad controls for manual alarm processing, escort overrides, and zone arming/disarming operations. The installation configuration for this kit assembly shall be customized for integration with facility-provided wiring infrastructures, utilizing dedicated internal terminal connections for input/output relay devices, remote notification indicators, and centralized power distribution hubs.

SYSTEM COMPONENTS

- LC1400T Controller/Receiver Main Unit: The core processing and frequency-generation hub equipped with an internal tuning network to detect active patient transponders.
- Integrated Keypad Interface Assembly: Provides on-site localized programming, alarm reset handling, and escort-privilege bypass controls.
- Internal Enclosure & Backplate Hardware: Steel chassis base for stable wall mounting near the controlled perimeter entry point.

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FEATURES AND BENEFITS

- Targeted ProximityDetection: Reliable tag-detection zone engineering safeguards against wandering events without triggering facility-wide alarms.
- Stagger Tuning Capabilities: Supports localized adjustments to optimize signal integrity and minimize interference from nearby structural metal or electronics.
- Integrated Tamper Switch Protection: Features automatic internal security tracking to alert staff if the controller casing is opened or unseated.
- Custom Power Infrastructure Compatibility: Designed without a localized plug-in transformer to smoothly link into existing 15VDC central power distribution units.
- Escort Bypass Mode: Allows authorized medical personnel to temporarily bypass the zone using simple keypad commands without deactivating the entire perimeter.

PRODUCT SPECIFICATION

Manufacturer	Accutech Healthcare Security Solutions
Product Model Name	Accutech ResidentGuard LC1400T
Part Number / SKU	650216
Operating Frequency	0.137 MHz (Low Frequency Tag Sensing)
Input Voltage Requirement	15 VDC
Current Consumption	2.0 A (Maximum recommended supply capacity)
Mounting Guidelines	Surface wall mount; Not designed for ceiling placement
Metal Clearance	Position housing a minimum of 3" away from any structural metal
Recommended Door Clearance	3" to 6" standard offset distance (Max: 18")
Relay Interfaces	Dry contact inputs/outputs for auxiliary device signaling

COMPLIANCE AND CERTIFICATION

- FCC ID Certification: Verified compliant under FCC Grant ID JM7-HWHY-662022 for low-power communication devices.
- UL Status: Engineered to meet standard UL evaluation standards for access control and hospital signaling peripherals.
- RoHS Status: Constructed using lead-free, environmentally compliant components and manufacturing processes.