SUPERTERM-4

CICP1400UL 4-Door Intelligent Controller

The four-reader Superterm (CICP1400UL) supports 4 readers and has 16 inputs, 1 tamper alarm and 9 outputs. A locking steel enclosure, power supply and battery are included.

Superterm-4 is an expandable intelligent controller capable of supporting all access control functions for one to four doors. This distributed processor-based panel will operate as a standalone unit in the event server-communications are interrupted. The Superterm is programmed via Continental Instruments (CIC) CardAccess® software program, a Windows-based access control and security management solution. Once programmed, the controller does not require continuous server communications, as it automatically stores system transactions in its internal memory. The Superterm's memory is field expandable, allowing for greater cardholder populations and/or a larger transaction buffer. The controller's Flash EPROM firmware is easily upgraded when additional features or system enhancements are required. All Continental Instrument's controllers feature extensive multi-stage lightning/transient protection on-board for maximum reliability even in harsh environments. The Superterm accepts industry standard Wiegand output devices and supports virtually all card/reader technologies. Proximity, Biometric, Magnetic Stripe, Barcode, Wiegand, Barium Ferrite, Keypad and Smart Readers are easily connected and controlled. The Superterm can store multiple card (bit) formats in its internal memory, making it a cost-effective retrofit panel. Supporting multiple bit formats allows existing card populations and readers to remain in place.

Up to 63 CIC Intelligent Controllers (Microterm, Miniterm, Smarterm or Superterm) can be intermixed on the same communications network. Multiple communication networks (ports) can be connected to the CardAccess® server for maximum system expansion. Controller communication choices include: hardwire (repeat or multi-drop mode), LAN/WAN, dial-up or fiber optics for maximum flexibility. Continental Instruments supports RS232, RS422 and RS485 communication formats for optimal system configuration.

In addition to memory and power expansion capabilities, the Superterm will accept up to 3 input/output expansion boards. The Superterm can be ordered with the expansion boards pre-installed at the factory. The boards can also be ordered separately and field installed within the Superterm enclosure. The boards are mounted to the inside of the hinged enclosure cover. The Alarm Expander Board provides 16 supervised inputs while the Relay Expander Board provides 16 relay outputs and 8 unsupervised inputs.

Superterm-4 Capacities	
Cards	20,000 standard (exp. to 145,000)
Readers (5-wire)	4 (Wiegand output)
Keypads (5-wire)	4 (Wiegand output)
Keypads (7-wire)	4 X-Y Matrix type
Readers w/Keypad	4 5-wire Readers with 8 or 4 X-Y Matrix Keypads
Standard Inputs	16 (Supervised)
Expanded Inputs	48 Additional inputs (Supervised)
Standard Outputs	9 Form C rated at 3A@24VDC/VAC
Expanded Outputs	48 Additional Form C rated at 3A@24VDC/VAC
Transaction Buffer	1000 Standard (exp. to 30,000)
Time Schedules	128
Access Groups	1000
Holidays	50
Reader Power	800mA@5VDC, 500mA@12VDC
Battery Backup	4-6 hours included
Enclosure	Size 21.5"H x 21.25"W x 7"D, 48lbs.
UL Listings	UL294, UL1076, UL1950**
**UL1950 replaced with EN60950 in Q2/2003	

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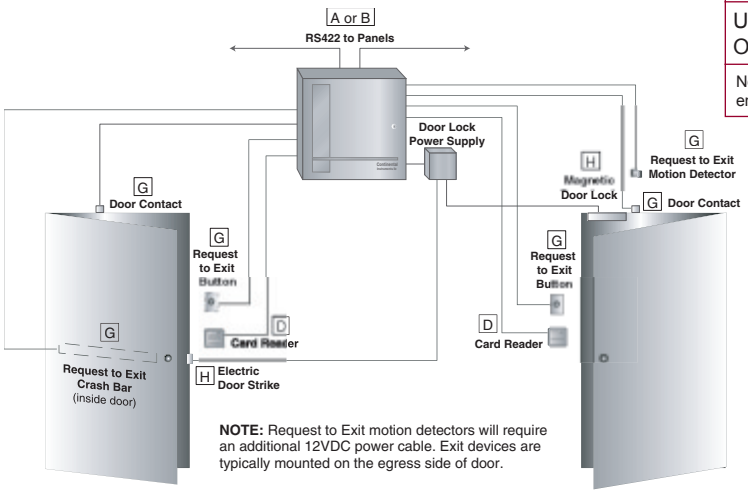
A standard on-board power supply provides 800mA @5VDC or 500mA@12VDC for reader power. An additional 3A @12VDC is available with the optional expanded power supply. The Superterm can be ordered with a factory installed expanded power supply. The expanded power supply can also be ordered separately and field installed within the Superterm enclosure. The expanded power supply includes a 12AH standby battery, an upgrade to the standard 7AH battery.

The standard 7AH and expanded 12AH batteries provide 4-6 hours standby. In addition to the rechargeable standby battery, each Superterm includes a lithium battery for up to one year of data protection.

The Superterm-4 is UL Listed for UL294 (Access Control System Unit), UL1076 (Proprietary Burglar Alarm Unit) and UL1950** (Information Technology Equipment).

Typical Door Configuration

See Continental Instruments Configuration Guide for additional detailed system wiring information.



Superterm-4 Components

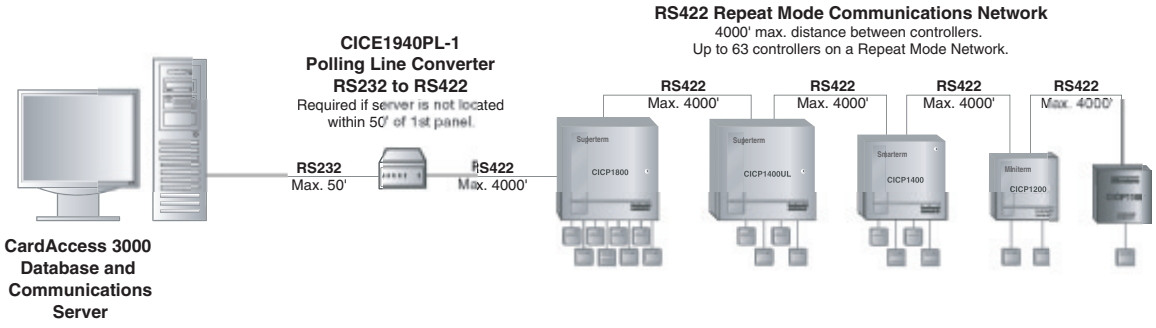
QTY.	Part No.	Description
1	CICP1400UL or CICP1400ULEXP	Four (4) reader controller with standard 20,000 card capacity, 16 supervised alarm inputs, tamper alarm, and 9 relay outputs. Unit ships complete in a locked steel enclosure including a 7AH standby battery for memory and system operation. Same as above, with expanded power supply. Required if more than one Relay Expander Board (CICP1800RB) is used or additional 12VDC is needed. A 12AH Battery is included.
1	Standard	14VAC Power Supply via step-down transformer mounted inside enclosure. 10' power line cable with 110VAC plug is included.
1	Standard	7 AH Battery Backup included.
1 Optional	CICEXPPWS	12V Linear Expanded Power Supply provides 3A @ 12VDC Auxiliary Power. 12AH Battery is included.
1 Optional	CICP1800MB2-1	Memory Board - 2MB (up to 145,000 cardholders).
Up to 3 Optional*	CICP1800RB	Relay Expander Board - 16 output relays, 8 alarm inputs (Unsupervised).
Up to 3 Optional*	CICP1800AB	Alarm Expander Board - 16 alarm inputs (Supervised). UL Listed.

Note: *A maximum of 3 Expansion Boards in any combination may be added to the Superterm enclosure.

CONTINENTAL INSTRUMENTS

CICP1400UL Four Door Intelligent Controller

Continental Instrument's Controllers can connect to the CardAccess Server via hardwire (shown below), LAN/WAN dial-up modem or fiber optics. See the CIC Configuration Guide for additional detailed system information.



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