# MINITERM

## CICP1200  2-Door Intelligent Controller

The Miniterm 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 Miniterm 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. The Miniterm contains a 2.4AH rechargeable standby battery, providing 4-6 hours standby. In addition to the rechargeable standby battery, each Miniterm includes a lithium battery for up to one year of data protection.
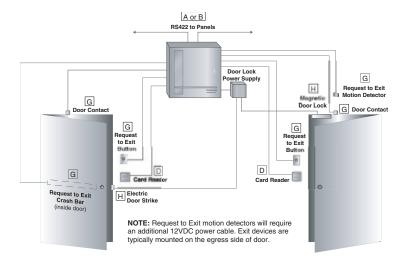
*This Intelligent Controller is UL Listed for UL294 (Access Control System Unit), UL1076 (Proprietary Burglar Alarm Unit) and UL1950 (Information Technology Equipment).\*\**

**The Miniterm (CICP1200) has 8 inputs, 1 tamper alarm and 5 outputs. A locking steel enclosure, power supply and battery are included.**

Miniterm is an intelligent controller capable of supporting all access control functions for one to two doors. This distributed processor-based panel will operate as a standalone unit in the event server communications is interrupted. The Miniterm 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.

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. The Miniterm supports RS232 and RS422 communication formats for optimal system configuration.

| Miniterm Capacities | |
|---|---|
| Cards | 3300 standard |
| Readers (5-wire) | 2 (Wiegand output) |
| Keypads (5-wire) | 2 (Wiegand output) |
| Keypads (7-wire) | 2 X-Y Matrix type |
| Readers w/Keypad | 2 5-wire Readers with 2 or 4 X-Y Matrix Keypads |
| Standard Inputs | 8 (Supervised) |
| Expanded Inputs | N/A |
| Standard Outputs | 5 Form C rated at 3A@24VDC/VAC |
| Expanded Outputs | N/A |
| Transaction Buffer | 1000 |
| Time Schedules | 128 |
| Access Groups | 1000 |
| Holidays | 50 |
| Reader Power | 200mA@5VDC, 200mA@12VDC |
| Battery Backup | 4-6 hours included |
| Enclosure | Size 15.25"H x 12.5"W x 4"D, 18lbs. |
| UL Listings | UL294, UL1076, UL1950\*\* |
| \*\* UL1950 replaced with EN60950 in Q2/2003 | |

## Miniterm Components

| QTY. | Part No. | Description |
|------|----------|-------------|
| 1 | CICP1200 | Two (2) reader controller with standard 3,300 card capacity, 8 EOL Class A supervised alarm inputs, tamper alarm, and 5 relay outputs. Unit ships complete in a lockable steel enclosure including battery standby for memory and system operation. |
| 1 | Standard | 14VAC Power Supply via step-down transformer mounted inside enclosure. 10' power line cable with 110VAC plug is included. |
| 1 | Standard | 2.4 AH Battery Backup included. |

## Typical Door Configuration

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



A or B
RS422 to Panels

Door Lock Power Supply

H Magnetic Door Lock

G Request to Exit Motion Detector

G Door Contact

G Door Contact

G Request to Exit Button

G Request to Exit Button

D Card Reader

D Card Reader

G Request to Exit Crash Bar (inside door)

H Electric Door Strike

**NOTE:** Request to Exit motion detectors will require an additional 12VDC power cable. Exit devices are typically mounted on the egress side of door.

### CICP1200 Two-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.



CICE1940PL-1
**Polling Line Converter**
**RS232 to RS422**
Required if server is not located within 50' of 1st panel.

**RS422 Repeat Mode Communications Network**
4000' max. distance between controllers.
Up to 63 controllers on a Repeat Mode Network.

RS232 Max. 50'

RS422 Max. 4000'

RS422 Max. 4000'

RS422 Max. 4000'

RS422 Max. 4000'

RS422 Max. 4000'

CICP1800

CICP1400UL

CICP1400

CICP1200

**CardAccess 3000 Database and Communications Server**