

# SMARTERM

## CICP1400 4-Door Intelligent Controller



**The standard Smarterm has 16 inputs, 1 tamper alarm and 9 outputs. A locking steel enclosure, power supply and battery are included.**

Smarterm 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 Smarterm 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 Smarterm's memory is field expandable, allowing for greater cardholder populations and/or a larger transaction buffer. Continental's controllers feature extensive multi-stage lightning/transient protection on-board for maximum reliability even in harsh environments.

The Smarterm 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 Smarterm 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. In addition to the rechargeable standby battery, each Smarterm includes a lithium battery for up to one year of data protection.

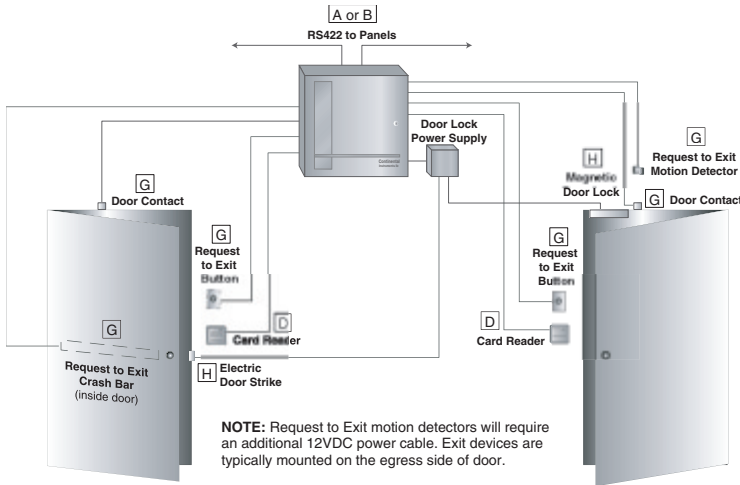
Up to (63) CIC Intelligent Controllers (Microterm, Miniterm, Smarterm or Superterm) can be intermixed on the same communications network. Multiple communication networks (ports) can be connected to the CardAccess<sup>®</sup> server for maximum system expansion. Controller communication choices include: 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.

Smarterm Capacities	
Cards	2500 standard (exp. to 120,000)
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 (Unsupervised)
Expanded Inputs	64 Additional inputs (Supervised)
Standard Outputs	9 Form C rated at 3A@24VDC/VAC
Expanded Outputs	64 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	200mA@5VDC
Battery Backup	4-6 hours included
Enclosure	Size 20.75"H x 16.4"W x 4.7"D, 22lbs.

Smarterm Components		
QTY.	Part No.	Description
1	CICP1400	Four (4) reader controller with standard 2,500 card capacity, 16 alarm inputs, tamper alarm, and 9 relay outputs. Unit ships complete in a locking steel enclosure including standby battery for memory and system operation.
1	Standard	115VAC Power Supply (230VAC optional). 10' power line cable with 110VAC plug is included.
1	Standard	7AH Battery Backup included.
1 Optional*	CICP1400MB256-1	Memory Board - 256K (up to 14,000 cardholders or for supporting elevator control).
1 Optional*	CICP1400MB2-1	Memory Board - 2MB (up to 120,000 cardholders and elevator control).
Up to 4 Optional**	CICP1400RB	Relay Expander Board - 16 output relays, 8 alarm inputs (Unsupervised).
Up to 4 Optional**	CICP1400RB	Alarm Expander Board - 16 alarm inputs (Supervised). UL Listed.
NOTE: * Either a 256K or 2MB Memory board may be added to the Smarterm unit in order to increase cardholder and/or transaction memory. **A maximum of 4 Expansion Boards in any combination may be added to the Smarterm enclosure.		

### Typical Door Configuration

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



### CICP1400 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.

