

New! **Accelaterm™**

CICP2800 Super-Speed 16-Door Access Controller



Featuring:

- 8 to 16 reader panel, minimum 40,000 card capacity, 100,000 - 200,000 typical, expandable to Million+
- 10-Times Faster! Under 5-Minutes for full downloads (firmware & data). Onboard direct-connect LAN adapter for speeds over 921Kbps
- Superfast 54MHz 32-bit processor
- 4MB on-board memory, expandable to 20MB
- 24 Supervised inputs; expandable to 72
- 17 Form C-rated relay outputs, expandable to 65
- 1000 Transaction buffer, expandable to 50,000 (software dependent).
- 256 Time Schedules; 30,000 Access groups; 5x100 Holidays
- Unsurpassed FIPS/CAC/TWIC performance
- Retrofit-Ready - Simultaneous multi-reader/ID credential support
- Super-capacity power supply for max. standby & reader power, included
- Virtually Environment- & Power Outage-Proof – Full onboard multi-stage lightning protection and fully distributed processing to internal memory (works as standalone system if server is down).
- Lowest acquisition & maintenance costs – 3-year warranty



Accelaterm Specifications

CardAccess Compatibility	CA3000 v.2.9 (and higher)
Card Capacity	200K/Base 4M Memory/ 5-digit Cards 650K/Full 20M Memory/19-digit Cards
Card Reader Capacity	Sixteen, Max. (Eight standard onboard.) Eight Reader Expansion via Plug-in PCB
Database RAM with Expansion	4M / 20M
485 Data Rate	460.8K Baud
Learns all Card Technologies	Yes
Keypad Capacity	Eight/Sixteen - Wiegand Format ONLY
Number of Doors	Sixteen, Max.
Output Relays - Form C	16 plus Console
Relay Circuit Protect Current Limit	All Relays - 2.5 Amp PTC
Relay Expansion	48 using I/O Expander for 72 total
Diagnostic LED Indicators	4 Indicators: 12V Transmit/Receive; AC Power; System Processing; Low-Battery
Address Switch	BCD rotary switches
Downloadable Firmware	Loaded to FLASH Memory 2 sec or less
Communication with Host and Downstream Panels	Ethernet10/100Base-T (Host with Plug-in Module) or EIA232 Board. For Repeat Comm., Full Duplex EIA485 (Downstream Panel; Plug-in Module)
Auxiliary Ports	I ² C (RJ12 cable included with I/O Expander.)
Reader Power	800mA @ 12V for each Eight-Reader Board
	Eight Terminal Blocks with 100mA outputs @ 5V
Power Supply Voltage	Switchable 120VAC/240 VDC, 120W Nominal
Backup Power	Two 12AH Batteries, Max. (1-12AH Battery Supplied)
Dimensions	24.18"H x 16.13"W x 5"D

Accelaterm Ordering & Options:

CICP2800 Accelaterm Eight/Sixteen (8 /16) Reader processing panel (for use with CA3000 v.2.9 and above), super-fast 54MHz 32-bit processor; 4MB on-board memory capacity, expandable to 20MB; supports up to 40,000 cards, expandable to over a million; 24 supervised inputs, expandable to 72, 17 Form C-rated relay outputs (expandable to 65), tamper. Supports multiphase threat level management and lock-down. On-board direct-connect LAN adapter for speeds over 921Kbps, 30,000 access groups; 5x100 holidays; 256 time schedules. Unit shipped complete in a lockable steel enclosure including relay board for 8/16 doors, on-board ethernet adapter, power supply/charger and battery standby(1) for memory and system operation. UL294 and CUL Listed.

CICP2800EXPRBD Optional 8-Input Wiegand/Mag plug-in board, for door-contact monitoring and power.

CICP1300IOCOMBO Optional Input/Output Relay Board provides 16 supervised alarm inputs and 16 Form C relay outputs. Supplied with RJ12 connector cable and within enclosure with power supply, charger and battery. (Can house one additional board, CICP1300IOBD.)

CICP18ACCEIABD High Speed Serial Comm. Board for Host Comm. only (NOT for repeat comm.)

CICP2800RS485BD Optional Full-duplex EIA485 Repeater Board with ground fault isolation. (Plug-in board).

CICP1800NETBD Optional Ethernet Adapter (Best Option: Alternative to EIA and 485 communications).

CICP18ACCMEMBD Optional 8MB Memory expansion board (stick), add up to 2ea. for 20MB memory, on CICP2800.

CICP2800RLYBD Optional 17-Relay expansion board, provides 16 Form C-rated outputs plus tamper for CICP2800. (Replacement use.)

CICP2800PMBD Accelaterm Mother board circuit board only. (Replacement use.)

CICP2800PCHGBD Power charger board for CICP2800. (Replacement use.)

CICP2800PS150 12A power supply for CICP2800. (Replacement use.)

For more information, please contact your local sales representative or contact Continental Access directly at (631) 842-9400.



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