Protecting your technology investment.

eConnect® Electronic Access Control

eConnect® Electronic Access Control (EAC) provides an easy-to-use and economical networked electronic lock solution for data center cabinets. Integration with eConnect power distribution units (PDUs)* removes the need to power and network the locks separately. Use a single network connection to deliver power, environmental monitoring and access control.

PATENTED

ADVANTAGES

Full Cabinet Integration
The patented eConnect technology combines intelligent power, access control and environmental monitoring into a single PDU-based platform.

Deployment Savings
Locks can be networked through Secure Array® technology, allowing up to 16 cabinets (front and rear locks) to be secured under a single IP address.

Remote Access Control
Program, monitor and control cabinet access remotely through the eConnect web interface.

Smart Card Authentication
Proximity card reader recognizes existing employee 125 kHz or 13.56 MHz RFID cards including HID, iClass®, MIFARE® and DESFire technologies.

Audit Trail for Regulatory Compliance
eConnect user interface keeps a record of every access attempt and integrates the information with DCIM for easy reporting.

KEY FEATURES

- Integrated sensors for lock and latch status, monitoring and alarm functions

- Remote unlock capability

- User-configurable unlock time delay

- High-security lock with mechanical key override

- Reader recognizes existing employee 125kHz or 13.56 MHz RFID cards

- Bi-color LED (blue/magenta) to indicate lock and handle status

- Event logging for auditing purposes

- Integration with LDAP and Radius for added security

- Available for CPI GF-Series GlobalFrame® and F-Series TeraFrame® cabinets

SPECIFICATIONS

Description	Smart card-based electronic access solution kit. Must be used with eConnect PDUs.
Use	For indoor use only, in environmentally controlled areas. May not be used in harsh environments.
Includes	Electronic Swinghandle: (1) front and (1) rear door swinghandle with integrated card reader module; compatible with eConnect Monitored, Monitored Pro, Switched and Switched Pro PDU's with AUX ports and Firmware revision 3.2.x or higher • Size: Fits standard 5.9"H x 1"W (150 mm x 25 mm) swinghandle cutout (refer to installation instruction for detailed dimensions information) • Supported Cards: 125kHz or 13.56 MHz RFID cards with 4, 7 or 8 byte Unique Identifiers (UID) Ordered separately • Management Interface: eConnect Web GUI; eConnect SNMP Interface; Power IQ for eConnect • Material and Finish: Glass-filled nylon, PC/ABS (UL94-V0)
	Wire Harness: (1) 6' (1828 mm) Cat 5e cable with electronic lock connectors; (1) 10' (3048 mm) Cat 5e cable with electronic lock connectors
	Door Sensors: (3) surface-mount magnetic sensors • Loop type: closed • Electrical configuration: normally open (N/O) • Reed form: A

USE WITH

- GF-Series GlobalFrame and F-Series TeraFrame Cabinets
- Monitored eConnect PDUs*
- Monitored Pro eConnect PDUs*
- Switched eConnect PDUs*
- Switched Pro eConnect PDUs*
- Power IQ® for eConnect

eConnect EAC is a cost-effective networked locking solution that addresses evolving security requirements for IT applications and regulatory compliance. The intelligent lock provides physical security and monitoring capabilities and is used in combination with eConnect PDUs.

eConnect EAC provides remote front and rear lock control and keeps a record of each cabinet access attempt. The lock is equipped with a bi-color (blue/magenta) status LED that provides a visible notification of the latch status. Sensors in the lock generate output signals for remote access monitoring, and send notifications when conditions of the latch or door change.

The design of the swinghandle also features an efficient microprocessor-controlled gear motor that ensures minimal power consumption and accommodates both left and right doors.

Full Cabinet Integration Simplified

Combined with eConnect PDUs (with auxiliary ports only), it is possible to integrate all physical layers at the cabinet level, all under a single interface: electronic access control, power management and delivery and environmental monitoring. Integration with eConnect PDUs removes the need to power and network the locks separately. eConnect EAC is available for CPI GlobalFrame or TeraFrame cabinets.

Optimized Deployment Costs with Secure Array IP Consolidation

This system can be further expanded with eConnect's Secure Array IP consolidation technology, which allows up to 32 PDUs (and up to two locks and two environmental sensors per PDU) to be networked under one IP address, reducing network deployment and operating costs.

Smart Card Readers and Remote Access

The lock includes proximity card readers that accommodate most access control application needs. The locks open with 125 kHz or 13.56 MHz RFID smart card, including HID, iClass, MIFARE and DESFire technologies, and eConnect automatically maintains a log of each access attempt associated with a specific user. A mechanical key override is included for when network connectivity is lost.

Locks can also be accessed remotely through the eConnect software interface. Program the locks to remain open for a designated period, and they will automatically close after a user-configured timeout has elapsed. eConnect monitors the locks for latch condition, handle condition and door condition. If the lock is tampered with, the software logs and sends warnings to the administrative user.

eConnect supports Radius and LDAP authentication. A local account in the eConnect software interface will need to be created in order to store the smart card ID, and assign related group cabinet access.

eConnect EAC is also compatible with third-party software and can be monitored using some DCIM software such as Power IQ® for eConnect for optimal data management.

ORDERING INFORMATION

eConnect Electronic Access Control Swinghandle Upgrade Kit
eConnect EAC Swinghandle Upgrade Kit with smart card authentication is used with CPI GlobalFrame and TeraFrame Cabinets. Kit includes:
• Front and rear swinghandles
• 3 door sensors (front and rear doors)
• 2 wiring harnesses (for front and rear connection)
• 2 mechanical override keys

RF IDeas EAC Smart Card Reader
36653-001
Use RF IDeas EAC Smart Card Reader for programming any smart cards into the Controller Module.

EAC Smart Cards
36654-001
• 13.56MHz MIFARE Smart Cards
• Sold in packs of 20

EAC Door Sensor Kit
36652-001
EAC Door Sensor Kit includes:
• 4 door sensors
• 4 conductor cables; 10' (3 m) each

EAC Wire Harness Kit
36651-001
Use EAC Wire Harness Kit as a spare if you need to connect the EAC with PDUs.
• 2 wire harnesses (for front and rear connection)

Part Number	Description	Shipping Weight lb (kg)
36650-001	eConnect EAC Swinghandle Upgrade Kit	3 (1.4)
36653-001	RF IDeas EAC Smart Card Reader	1 (0.5)
36654-001	EAC Smart Cards, Pack of 20	1 (0.5)
36652-001	EAC Door Sensor Kit	1 (0.5)
36651-001	EAC Wire Harness Kit	1 (0.5)

EXTENDED WARRANTY
CPI now offers Extended Limited Warranties on CPI-Branded Electronic products, available for two additional years beyond the expiration of the Original Warranty Period (3 years).

Contact CPI Customer Service, or visit www.chatsworth.com/warranty for more information.

Interested in learning more about our Power Management? Call us at 800-834-4969, or email Technical Support at techsupport@chatsworth.com.

CHATSWORTH PRODUCTS