iAM™

A Complete Intrusion and Access Control System

Virtually No False Alarms

The next generation of alarm and access control system is now available from PCSC. iAM™ is an integrated intrusion and access control system provided on one simple controller.

A system designed for easy installation, yet capable of meeting some of the most sophisticated security needs. Simple and Automatic, yet can be fully configured by the user. The iAM is so advanced it stands by itself.

Easy to Operate

Utilizing English menus, the user can follow simple instructions to program and display the necessary parameters of the system. Easy operation right out of the box reduces setup time.

Customization can be accomplished through LiNC-Ez, a self-loading Windows® based program. The system comes with factory defaults for the most common applications such as a Holiday list and Time Schedules for determining access privileges.

Zone Monitoring

The iAM utilizes user selectable "5 state alarm monitoring", the most advanced high security monitoring technique in the industry. The "5 states" allow individual zone adjustments for cable length and cable size, yielding a system with the most accurate status monitoring. PCSC's "5 state" monitoring provides reliable, high security functionality normally found in government specifications, assuring you a system with virtually no false alarms. Each of the 21 alarm zones are user selectable for "5 state" or dry contact monitoring.

Guard Tour Management System

The iAM is capable of recognizing a guard and notifying the central station when the "special guard" card is presented at a customer's site, but access will not be granted unless the system is in an "alarm state".

Access Control

The sophistication of high security access control provides for discriminating access logic. The incorporated card reader allows for automatic "disarming" of Zone(s). The system gives users the capability to determine access privileges by time of day, workday, weekend, and holiday. It can also deny access if the system has not been "disarmed" by a supervisor. By furnishing a special logic for the handicapped and cleaning crew, false alarm conditions can be avoided.

Alarm Monitoring Features

- 21 Alarm Zones
- Automatic Alarm Zone Group Deactivation by Cardholder
- Automatic Daylight Savings Control
- Automatic Holiday Control
- 99 User Definable Zone Groups
- 99 User Defined PIN (4 or 5 digits)
- Supervised Bell Output
- Supervised Enclosure Tamper
- Contact ID Central Station Communication
- 5 State Supervised Zone Monitoring
- User Defined Zone Names
- User Defined Zone Groups
- User Selectable Zone State (Supervised or Non Supervised)
- Individual Zone Calibration Control
- On-board Clock Calendar
- Auto Power Fail Notice
- Low Battery Notice

ACCESS SINCE 1983 INNOVATORS

PCSC

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Access Control Features

- 100% Distributed Intelligence
- Default Factory Defined Database
- Access Authorization by "Arm Status"
- Access Authorization by Time of Day, Day of Week and Holiday
- Handicapped Access Entry Management
- Cleaning Crew Access Management
- Contractor Access Management
- Multiple Tenant Control
- Package or Postal Delivery Management
- Automatic System Deactivation by Cardholder
- Automatic Timed Door Opening and Closing by Cardholder
- Automatic Card Activation or Deactivation By Date
- Supervised Reader Detection
- 3,000 Cardholder Capacity
- 1,000 Onboard History Transactions
- 50,000 History Transaction on LiNC-Ez System Software
- 32 Time Periods / 32 Holiday Time Periods
- 64 Holidays
- 99 Access Levels
- Multiple Site Code Support (16)
- Proximity, Proximity with Keypad, Biometric and more
- Optional Reader Expansion Controllers
- Optional 100 Megabit Ethernet Communication
- Security Guard Monitoring

iAM Specifications

- 21 Supervised or Un-Supervised Zones
- 1 Supervised Bell Output
- 1 Wiegand Reader Port
- Monitored Door Status (Zone 1)
- REX (Request to Exit) Input
- Door Left Open Too Long Output
- 1 Year Battery Backup for User Data Memory
- 1 Year Battery Backup for Clock Calendar

Conditioned Power Supply

- Power Requirement: 90 VAC — 250 VAC
- AC Power Fail Output Notification
- Battery Charger
- Low Voltage Cutoff

PC System Requirements (min.)

Windows® 2000 or XP

Intel Pentium 4 (1.5 GHz)

256 MB RAM

100 MB Free Disk Space

CD ROM Drive

Dedicated Serial Port

Environmental Requirements

32° -115° F (0° - 46° C)

Enclosure Dimensions

11.28"h x 16.04"w x 3.55"d
(28.65cm x 40.74cm x 9.01cm)

Cabling Requirements

Host-to-Controller: 4 conductors
(Maximum Total Distance 100 ft. (30 meters))

OPTEX Keypad to iAM: 4 conductor*

Controller-to-Door:
Reader: 6 Conductors (Maximum 500 feet (152 m) or 2,000 ft. (609 m))
Door Strike: 2 Conductors*
Door Status: 2 Conductors*
REX: 2 Conductors*
REX Power: 2 Conductors*

Composite Cable (CBLCOMP) available, which includes all necessary cables for "Controller-to-Door".

Controller-to-Input-Point: 2 Conductors*

*(Maximum 2,000 ft. (609 m))

Note: All cable except Door Lock and REX Power are 22 AWG, Twisted, Shielded and with an Overall Shield. Door Lock and REX Power are 18 AWG, Stranded with Shield.

UL294, UL1076 Pending
Made in U.S.A

Virtually No False Alarms

iAM System Kit

Contains:
- LiNC-Ez System Software CD
- iAM Alarm/Access Controller with Enclosure
- 3 Amp 12 VDC Power Supply with Charger
- OPTEX Keypad/Display
- Proximity Reader
- 25 Proximity Cards
- Serial PC Cable

Note: Additional Cards available in 50, 100, 250 or custom card packs.