

## Access Control



ACT1000 is a four door access controller. It has a robust design and easy mechanism for effortless installation. It can simultaneously control & monitor up to four doors thus reducing the per door cost. It can be connected with any kind of readers viz; Finger Print, Mifare, Proximity and supports either industry standard configurable weigand or clock/data interfaces. It is imperative for areas like R&D labs and server rooms.

### Applications

- Access Control System

### Advantages

- Easy to install and configure
- Embedded network interface for easy connectivity
- Industry standard weigand input facilitates to
- connect with any readers
- Cost saving

### Technical Specification

CPU	8 bit microprocessor CPU
Controller	Controls up to four doors and eight card readers
Database	10000 employee database
Time zones	90 user defined time zones
Transactions	Last 10000 transaction event storage capacity
Memory management	Flexible memory management for database & transaction
RTC	Built in most accurate RTC (Real Time Clock) with Lithium cell backup
Display	16 char x 2 lines high contrast backlit LCD display
Network interface	10 Base-T RJ45 network (TCP/IP) interface for PC connectivity
Reader interface	Industry standard configurable weigand or clock/data interface

Watchdog	Built-in watchdog supervisor
Keypad	12 keys keypad for programming
Door Lock	Supports Fail Safe/Fail Secure types of lock assemblies
Inputs	4 door sensor inputs, 4 exit switch inputs & 4 general purpose digital inputs
Outputs	4 Lock interface and 4 General purpose alarm outputs (GPO)
Fire panel input	GPI can be configured to take input from Fire Alarm Panel
Alarm	GPO is default configured to generate alarm signal
Power Supply	Robust 13.8 VDC/5A switch mode supply sufficient to power entire system consisting of 8 readers & 4 EM locks
Battery (optional)	Provision to charge external 12V/7.2 AH battery and providing backup
Power	2 Watts
Protection	Miniature Circuit Breaker (MCB) for over current protection
Enclosure	Robust metal housing with compact dimensions
Input	180VAC~230VAC
Dimensions	31.5cm (L) x 23.3cm (W) x 8.0cm (D)
Humidity	RH 5~95% non-condensing

