

ACTsmart2 system

Network System

ACT

Access Control Technology

Product Overview

ACTsmart2 System allows easy configuration and maintenance of the ACTsmart2 devices. It consists of a Windows PC application (ACTWin Smart), the ACTsmart2 controller unit and a cable to connect the controller to the PC. The ACTsmart2 devices are available as Proximity, PIN and Proximity and PIN only. For cards and fobs for the ACTsmart2 System, please use ACTProx cards and fobs (see our Ordering Section for further details).

Main Features

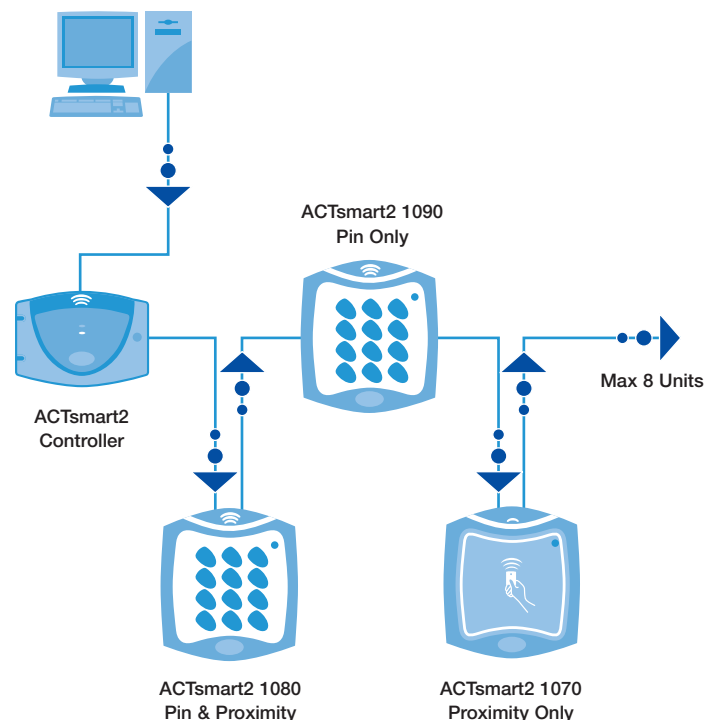
- Simple graphical interface
- 1 to 8 doors
- 1000 users
- 16 user groups
- 100,000 event log on PC
- 1,000 event log buffer on controller
- Flash upgrade facility
- Built in translation facility
- Rapid on the fly downloading
- Choice of reader types Proximity, Pin and Proximity and Pin only

Installation / Specification Guidelines

- The ACTsmart2 system is designed to suit access control systems for small to medium sized enterprises or facilities
- The lock and door controls are contained in the reader and no other controller other than the ACTsmart2 controller is required
- The ACTsmart2 system is strictly an access control system. Please review the comparison chart on the reverse side of this leaflet to ensure it is suitable for customer's requirements
- The maximum cabling distance between the PC and the Smart2 controller is 30 metres
- The maximum network cabling for the readers is 1.4km of twisted screen pair or category 5
- The controller, readers etc require a 12volt dc supply



ACTsmart2 System



ACTsmart2 Readers networked to a PC via an ACTsmart2 Controller
For full functionality use 12 volts DC only

ACTsmart2 System Schematic

ACTsmart2 system **Network System**



Access Control Technology

ACTsmart2 Controller

Product Specification

| | |
|------------------------|-------------------|
| Operating Voltage: | 12 Volts DC |
| Current Consumption: | 200 mA max |
| Weight: | 340 grams |
| Operating Temperature: | -10 to +50 C |
| Dimensions (HxWxD): | 110 x 190 x 57 mm |
| Mounting: | Surface |
| Installation: | Indoor |



ACTsmart2 Controller

PC specifications for ACTWin Smart

| | |
|------------------|---------------------------------|
| Operating system | Windows 98, Me, NT4.0, 2000, XP |
| CPU | Pentium II (300Mhz or better) |
| Ram | 64 Mb or better |
| CD-ROM Drive | Yes |
| 1 serial port | Yes |

Cabling Chart

| From | To | Cable | Restriction |
|------------|------------|---------------------|-------------------|
| PC | Controller | Twisted screen pair | 30m |
| Controller | Readers | Twisted screen pair | 1.4km daisy chain |

Ordering Information

| | |
|---------------------------|-----------------------|
| Controller | ACTsmart2 controller* |
| Proximity reader | ACTsmart2 1070 |
| Pin & Prox reader | ACTsmart2 1080 |
| Pin only reader | ACTsmart2 1090 |
| Smart Lock | ACTsmart Lock |
| Proximity card | ACTProx ISO-B* |
| Proximity fob | ACTProx Fob-B* |
| Proximity Half Shell Card | ACTProx HS-B* |
| Prox & Mag Stripe Card | ACTProx DUO-B* |

* These cards and fobs are compatible with the ACTpro-X and ACTsmart2 proximity reader range

ACTsmart2 Readers - Specification

| | |
|------------------------|--------------------------|
| Operating Voltage: | 12 - 24 Volts AC/DC |
| Current Consumption: | 80 mA |
| Weight: | 200 grams |
| Operating Temperature: | -10 to +50 C |
| Dimensions (HxWxD): | 110 x 100 x 35 mm |
| Mounting: | Surface or flush |
| Installation: | Indoor or outdoor (IP67) |

ACT PC program comparison chart

| Feature | ACTWin Smart | ACTWin Lite* | ACTWin Pro* |
|-----------------------------|--------------|--------------|-------------|
| Doors | 8 | 64 | 2000 |
| Users | 1000 | 30,000 | 30,000 |
| User Groups | 16 | 1000 | 1000 |
| Time zones | 16 | 256 | 256 |
| Event log | 100,000 | Infinite | Infinite |
| Anti passback support | | Yes | Yes |
| Timed anti passback support | | Yes | Yes |
| Roll call reports | | Yes | Yes |
| Access control reports | Yes | Yes | Yes |
| Time & attendance reports | | Yes | Yes |
| User tracking | | Yes | Yes |
| Door command facility | Yes | Yes | Yes |
| Administrator audit trail | | | Yes |
| Pass word protection | Yes | Yes | Yes |
| SQL server | | | Yes |
| TCP/IP support | | Yes | Yes |
| Upload facility | Yes | Yes | Yes |
| Real time download | Yes | Yes | Yes |
| Photo ID for each user | Yes | Yes | Yes |
| Client server | | | Yes |

* The above table is for comparative reasons only. If the features of ACTWin Pro or ACTWin Lite are required, the ACTpro 1000/2000/3000 controllers and ACTpro readers will have to be specified

ACTProx Fob

Extremely robust with a max read range of 8cm



ACTProx fob



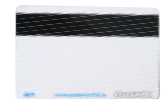
ACTProx ISO card

ACTProx ISO Card

Suitable for ID printing with max read range of 10cm



ACTProx HS Card



ACTProx DUO card

ACTProx HS Card

Half shell card with a max read range of 10cm

ACTProx DUO Card

Prox & mag stripe with max read range of 10cm. Suitable for ID printing.



ACTsmart2 Reader



ACTWin Smart Software