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).

ACTsmart2 System

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
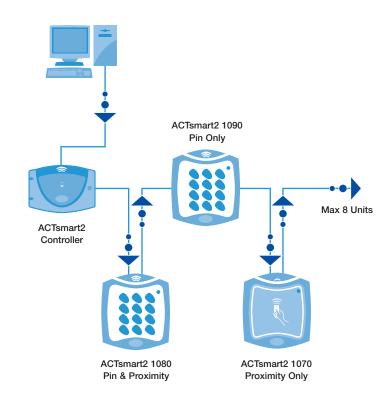- Choice of reader types Proximity, Pin and Proximity and Pin only

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 1090
Pin Only

Max 8 Units

ACTsmart2
Controller

ACTsmart2 1080
Pin & Proximity

ACTsmart2 1070
Proximity Only

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

ACTsmart2 System Schematic

ACTsmart

ACTsmart2 system Network System

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

ACT Access Control Technology

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 ISO Card
Suitable for ID printing with max read range of 10cm

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.

ACTProx fob

ACTProx ISO card

ACTProx HS Card

ACTProx DUO card

ACTsmart2 Reader

ACTWin Smart Software

CE