

ACT 5 & ACT 5prox Digital & Proximity Keypads

The ACT 5 and the ACT 5prox are simple to use and easy to install standalone access control products.

Keypad backlighting enhances functionality at night or in poor light conditions.

Each unit is contained in a stylish polycarbonate housing, with stainless steel keys and potted electronics, allowing for indoor and outdoor installation. The ACT 5 and the ACT 5prox may be surface or flush mounted on to a standard single gang electrical back box.

ACT 5 Digital Keypad

Main Features

- 10 User Codes
- Keypad Backlighting
- Incorrect code lockout
- 5 amp door relay output

ACT 5prox Digital Keypad and Proximity

Main Features

- 50 Users with unique Pin Codes and / or ACTProx Cards. Operating modes are Proximity, PIN and Proximity or PIN only.
- Keypad Backlighting
- Incorrect code lockout
- 5 amp door relay output
- Users can be deleted if a card is lost or a Pin Code forgotten

Installation Guidelines

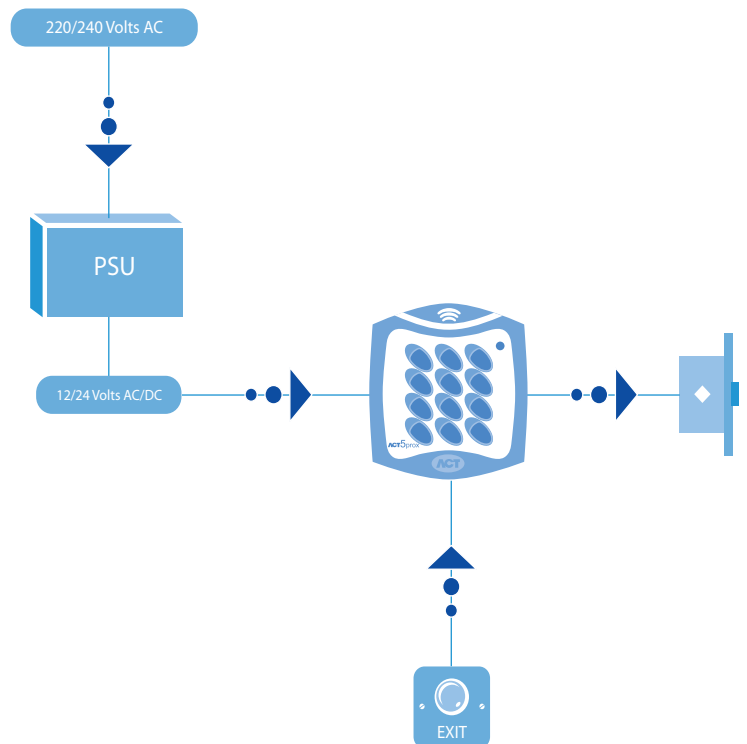
- 12 to 24 volts AC or DC supply required
- 5 amp lock output
- Can be installed either indoors or outdoors (IP67)
- Operating Temperature: -10 to +50 C
- Can be surface or flush mounted



ACT 5 Digital Keypad



ACT 5prox Digital Keypad & Proximity



ACT 5 and ACT 5prox System Schematic

ACT 5 & ACT 5prox

Digital & Proximity Keypads



Ordering Information

Digital Keypad	ACT5
Proximity and Digital Keypad	ACT5prox
Proximity Card	ACTProx ISO-B
Proximity Fob	ACTProx Fob-B
Proximity Half Shell Card	ACTProx HS-B
Proximity & Magnetic Stripe Card	ACTProx DUO-B



ACT 5 Digital Keypad



ACT 5prox Digital Keypad & Proximity

Accessories

ACT 5 and ACT 5prox



Flush Mount Plate



Surface Mount Collar

ACT 5prox Fobs and Cards



ACTProx Fob-B

Robust proximity fob with a max read range of 6cm



ACTProx ISO-B

Suitable for ID printing with a maximum read range of 8 centimeters



ACTProx HS-B

Half shell card with a maximum read range of 8 centimeters



ACTProx DUO-B

Prox & mag stripe with max read range of 8 centimeters. Suitable for ID printing.

ACT Standalone Products Comparison Chart

PRODUCT	ACT 5	ACT 5prox	ACT 10	ACT Smart2 1070	ACT Smart2 1080	ACT Smart2 1090
FEATURES						
Doors	1	1	2	1	1	1
Users	10	50	10	1000	1000	1000
User Groups			2	1	1	1
Master Slave Operation				Yes	Yes	Yes
Proximity		Yes		Yes	Yes	
Pin Only	Yes	Yes	Yes		Yes	Yes
Pin & Proximity		Yes			Yes	
Pin or Proximity		Yes			Yes	
Proximity Only		Yes		Yes	Yes	
Keypad Backlighting	Yes	Yes	Yes			
Interlock			Yes	Yes	Yes	Yes
Door Monitoring			Yes	Yes	Yes	Yes
Fire Alarm Override			Yes	Yes	Yes	Yes
Master Slave Operation				Yes	Yes	Yes
Toggle Mode	Yes	Yes	Yes	Yes	Yes	Yes
Door Relay Output	5 amp	5 amp	5 amp	5 amp	5 amp	5 amp
Programmable Inputs			2	1	1	1
Programmable Outputs			2			
Programmable Inputs/Outputs				2	2	2
Push to release button input	Yes	Yes	Yes	Yes	Yes	Yes
Tamper Output			Yes	Yes	Yes	Yes
12-24volt DC or AC Input*	Yes	Yes	Yes	Yes	Yes	Yes
IP Rating	IP67	IP67	IP54	IP67	IP67	IP67

* ACTSmart2 units require a DC supply when programmable input / outputs or master slave operation are used.

Product Specification

	ACT 5	ACT 5prox
Number of Users	10 PIN Codes	50 (50 unique PINs and 50 Cards)
Operating Voltage	12 to 24 Volts AC or DC	12 to 24 Volts AC or DC (linear PSU)
Current Consumption	30mA (nominal), 120 mA (maximum)	60mA (nominal), 100mA (maximum)
Operating Temperature	-10 to +50 degrees C	-10 to +50 degrees C
Door Open Time	0 - 255 seconds	0 - 255 seconds
Relay Contact Rating	5A / 250 Vac	5A / 250 Vac
Controller Weight	200 grams	200 grams
Controller Size (H x W x D)	Flush Mount: 100 x 110 x 35 (mm) Surface Mount: 100 x 110 x 35 (mm)	Flush Mount: 100 x 110 x 20 (mm) Surface Mount: 100 x 110 x 35 (mm)
Mounting	Surface or Flush	Surface or Flush
Installation	Indoor or outdoor (IP67 rating)	Indoor or outdoor (IP67 rating)
Construction	Rugged Polycarbonate housing, stainless steel keys, potted electronics	Rugged Polycarbonate housing, stainless steel keys, potted electronics

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ACTentry A10

Door Entry & Access Control

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ACTentry A10 merges Door Entry and Access Control to create a practical Audio Door Entry system.

The ACTentry A10 allows you to speak to visitors before granting access to your home or commercial premises.

Main Features

ACTentry A10 Door Entry Panel

- Brushed stainless steel Door Entry Panel incorporates Call Button, Speech Unit (grill, microphone & speaker) and the ACT 10
- Accepts 10 PIN Codes
- Incorrect Code Lockout
- Digital Keypad Backlighting
- Surface or Flush Mount

ACTentry A10 Door Intercom Handset

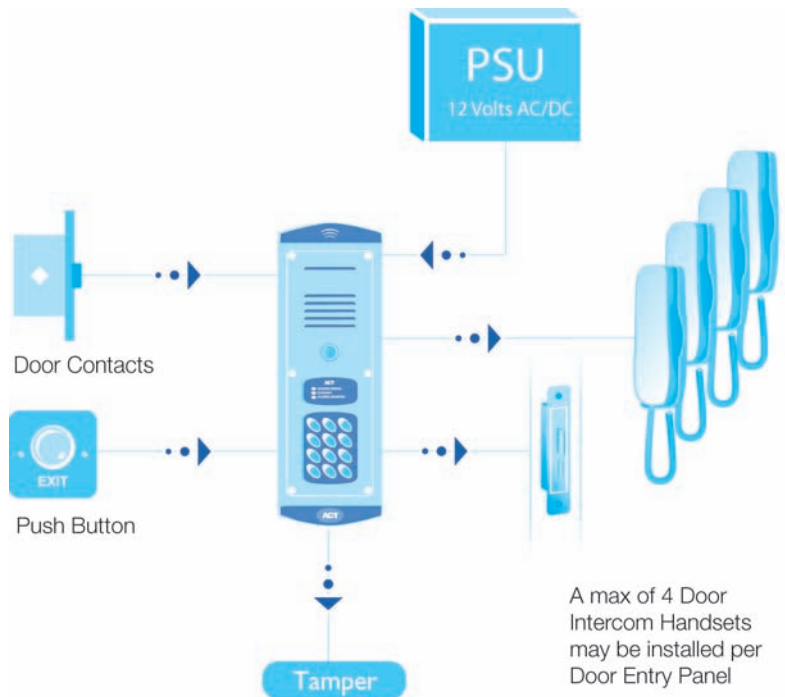
- White high impact ABS plastic
- Internal use only
- A 'lock release' push-button prevents inadvertent use.
- The electronic ringing tone is reduced when the handset is 'off the hook'
- The ringing tone has an adjustable volume control



ACTentry A10 Door Intercom Handset



ACTentry A10 Door Entry Panel



ACTentry A10 System Schematic

ACT Entry products enable the identity of the visitor to be determined prior to granting access. Designed for both Commercial and Domestic properties an ACT Entry system greatly enhances the security of a building.



Door Entry Panel



Door Intercom Handset

Installation Guidelines

ACTentry A10 Door Entry Panel

- Mount in a sheltered location on a wall near the entrance point
- Place the supplied varistor across the terminals of the door strike coil to protect the relay contacts
- Never use the on-board relay to switch AC mains voltage. An external relay, electrically isolated from the ACTentry A10 should be used for this
- Change the programming code

ACTentry A10 Door Intercom Handset

- Operates from 12 Volt AC or DC
- Mount on wall in convenient indoor location
- For optimum speech clarity, it is strongly recommended that this system should be installed using twisted-pair telephone cable.
- Up to a maximum of 4 door intercom handsets may be installed per door entry panel
- The maximum distance between the door entry panel and the last door intercom handset (handset) is 100 metres.

ACTentry 1 Amp Power Supply Unit

- Indoor installation
- Must be placed close to a 240V AC electrical supply & located within 15 metres of the door entry panel.

Product Specification

Number of Users	10 PIN Codes
Operating Voltage	12 Volts AC or DC
Current Consumption	30mA (nominal), 100 mA (max)
Operating Temperature	-10 to +50 degrees C
Door Open Time	0 - 4 minutes
Relay Contact Rating	5A / 50Vac
Door Entry Panel Size (H x W x D, mm)	Flush Mount: 378 x 144 x 11 Surface Mount: 358 x 125 x 38
Door Intercom Handset Size (H x W x D, mm)	212 x 85 x 55
Mounting	Surface or Flush
Installation	Indoor or outdoor (IP54 rating)
Construction	Brushed stainless steel panel

Ordering Information

ACTentryA10VR-SK	Vandal Resistant Door Entry Panel with integrated ACT 10 Digital Keypad, Call Button and Speech Unit in a Surface Mount Kit, Door Intercom Handset & Power Supply
ACTentryA10VR-FK	Vandal Resistant Door Entry Panel with integrated ACT 10 Digital Keypad, Call Button and Speech Unit in a Flush Mount Kit, Door Intercom Handset & Power Supply
ACTentryA10VR-S	Vandal Resistant Door Entry Panel with integrated ACT 10 Digital Keypad, Call Button and Speech Unit for Surface Mounting
ACTentryA10VR-F	Vandal Resistant Door Entry Panel with integrated ACT 10 Digital Keypad, Call Button and Speech Unit for Flush Mounting
ACTentry A10 Intercom Handset	ACTentry Door Intercom Handset for use with the ACTentry A10. Internal use only.
ACTentry 1A PSU	This is a 1 Amp Power Supply Unit

ACTentry A5

The ACTentry A5 is a door / gate entry system. The system comprises of an audio door / gate entry panel with integrated digital keypad and a hands-free intercom.

Speak to visitors before granting access or authorised visitors can use a pin code. The ACTentry A5 is suitable for private residences with automatic gates and small commercial enterprises.

The ACTentry A5 is an integrated solution making installation and programming quick and simple. The stylish entry panel and intercom are constructed of robust polycarbonate materials with an attractive and modern finish.

Product Features

Entry Panel

- High quality audio
- 10 user codes on digital keypad
- Programmable backlighting
- 2 relays to control second entrance, lighting, etc.
- Weather resistant (IP56 – potted electronics)
- Switch Unit available for second entry panel
- Latch open option

Intercom

- Hands-free operation
- Volume control buttons
- Door / Gate release button
- Programmable second button for controlling second entrance, lighting, etc.
- Backlighting
- Connect up to 4 intercoms
- Latch open option

Door Entry & Access Control

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Entry Panel



Intercom



ACT Entry

ACT Entry

ACT Entry products enable the identity of the visitor to be determined prior to granting access. Designed for both Commercial and Domestic properties an ACT Entry system greatly enhances the security of a building.

Door Entry & Access Control

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Entry Panel



Intercom

Installation Guidelines

- 200m range between entry panel and intercom with CAT5 or Belden cable
- Switch Unit available for second entry panel
- Connect up to 4 intercoms per entry panel
- Supports up to 4 ACTentry intercoms and 8 ACTentry entry panels

Product Specification - Entry Panel

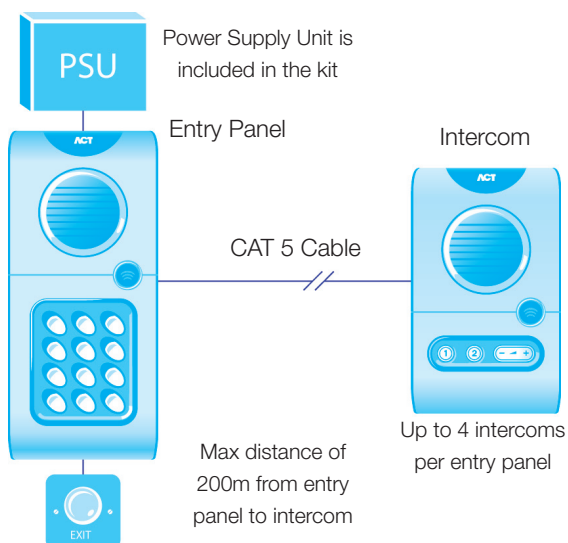
Number of Doors	2
Number of PIN codes	10
Operating Voltage	15 - 24 VoltAC / DC
Current Consumption	300 mA (maximum)
Operating Temperature	-10 to +60 degrees
Door Open Time	2 - 255 seconds
Relay Contact Rating	5 A / 250 VAC
Dimensions	211 x 94 x 30.5 (h x w x d, mm)
Weight	360 grams
IP Rating	IP56 (outdoor)
Construction	slimline, polycarbonate housing with backlighting

Product Specification - Intercom

Number of Intercoms	Up to 4 per entry panel
Operating Voltage	15 - 24 Volt DC
Current Consumption	150 mA (maximum)
Operating Temperature	-10 to +60 degrees
Door Open Time	2 - 255 seconds
Relay Contact Rating	5 A / 250 VAC
Dimensions	158 x 94 x 30.5 (h x w x d, mm)
Weight	230 grams
IP Rating	IP54 (indoor only)
Construction	slimline, polycarbonate housing with backlighting

Ordering Information

ACTENTRYA5E-PAN	entry panel (external)
ACTENTRYA5ICOM	intercom (internal)
ACTENTRYA5SWITCH	switch unit for multiple entry panels
ACTENTRYA5ICOM-K	intercom kit (entry panel, intercom & PSU)
ACTENTRYA5PSU	DC power supply unit



ACTentry A5 Schematic

ACTpro 4000

Card access door controller

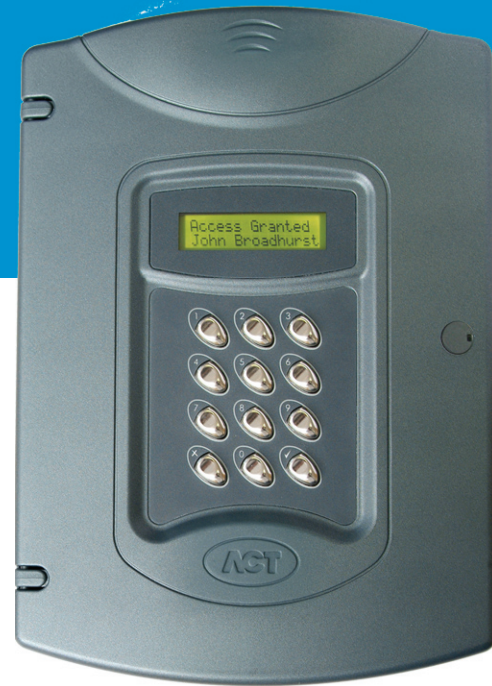
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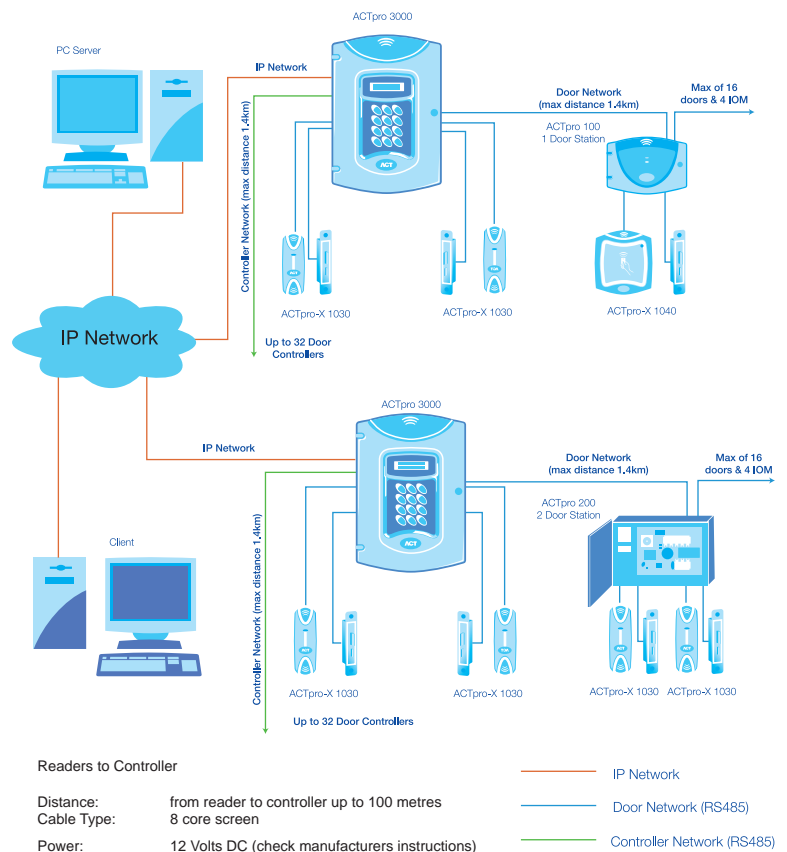
The ACTpro 4000 is a two door controller that can extend to a total of 16 doors via ACTpro door stations. In turn up to 250 ACTpro 4000s may be networked via a PC interface to facilitate up to 4,000 doors. The ACTpro 4000 can support 60,000 users.

Main Features

- 60,000 users
- 1,024 user groups
- 256 time zones
- TCP/IP Networking
- 10/100 Mbps Fast Ethernet
- Flash upgradeable firmware
- Timed anti passback
- Entry and exit reader support
- DDA individual timer facility
- Voltage monitoring
- Low bandwidth requirements
- DHCP or Static IP address
- Auto discovery simplifies installation
- Quick download speeds for large databases
- Monitor controller status via a web page



ACTpro 4000



ACTpro 4000 Schematic



Product Specification

Operating Voltage	12 Volts DV
Current Consumption	150 / 400 mA
Weight	800 gms
Operating Temperature	0 to +50 C
Mounting	Surface
Installation	Indoor

Ordering Information

ACTpro 4000	Controller
ACTpro 4000 MC	ACTpro 4000 memory card
ACTpro 100	Single door station
ACTpro 101	PCB format single door station
ACTpro 102	PCB format two door station
ACTpro 200	2 door door station, built in 3amp PSU
ACTpro IOM	input / output module
ACT Net IF-1	single channel RS485 interface
ACT Net IF-4	four channel interface
	USB Cable

Product Comparisons

	1000	2000	3000	3200	4000
Doors	1	2*	2*	4*	2*
Users	10,000	20,000	30,000	30,000	60,000
User Groups	16	1,024	1,024	1,024	1,024
Event Log	500	5,000	5,000	5,000	5,000
Anti passback		✓**	✓	✓	✓
Entry & Exit Reader Support	✓	✓	✓	✓	✓
Timed Actions	✓	✓	✓	✓	✓
Interlock	✓	✓	✓	✓	✓
User Tracking		✓	✓	✓	✓
Visitor Cards	✓	✓	✓	✓	✓
Card only	✓	✓	✓	✓	✓
Pin & Card	✓	✓	✓	✓	✓
Pin or Card		✓	✓	✓	✓
Pin Only	✓	✓***	✓***	✓***	✓***
Door Monitoring	✓	✓	✓	✓	✓
Door Control	✓	✓	✓	✓	✓
Fire Alarm Override	✓	✓	✓	✓	✓
Toggle Mode	✓	✓	✓	✓	✓
Door Relay Output	5 amp	5 amp	5 amp	5 amp	5 amp
Auxiliary Relay Output		1 amp	1 amp	1 amp	1 amp
Programmable Inputs	2	2	2	2	2
Programmable Outputs	2 (100mA)	2 (100mA)	2 (100mA)	2 (100mA)	2 (100mA)
Tamper Output	✓	✓	✓	✓	✓
Network Doors	128 max	1,000 max	2,000 max	2,000 max	4,000 max
Modem Connection	✓	✓	✓	✓	✓
TCP/IP Option		✓	✓	✓	✓
Ethernet Network Interface			10 Mbps	10 Mbps	100/10 Mbps
Weight	651g	687g	694g	5.88 Kg	800g
Dimensions (H x W x D, mm)	138 x 87 x 37	270 x 190 x 60	270 x 190 x 60	355 x 370 x 85	270 x 190 x 60
DHCP or Static IP Address					✓
Voltage Monitoring					✓
USB					✓
Autodiscovery					✓

Notes to the Product Comparison Chart on opposite side

* The ACTpro 2000/3000/3200/4000 Controllers may be expanded to 16 doors via ACTpro door stations

** Global anti passback (anti passback across multiple controllers) is mainly supported on the ACTpro 3000/3200/4000 connected via TCP / IP

*** The ACTpro 2000/3000/3200/4000 Controllers require an external pin pad for Pin Only Operation

ACTsmart 2

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 serial 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
- Digital keypad backlighting (ACTsmart2 1080/1090)
- 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

Network System

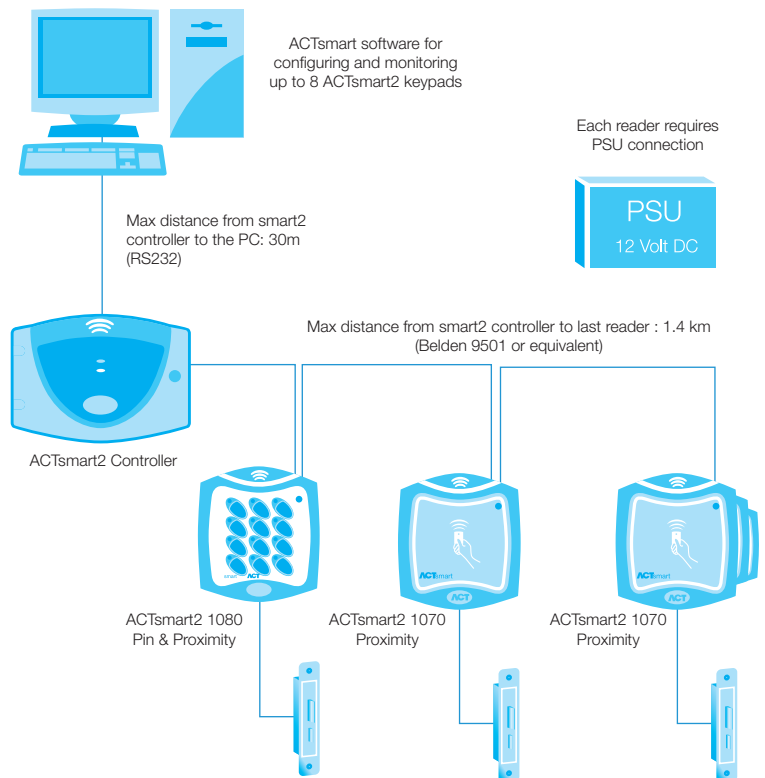
ACT

Access Control Technology



ACTsmart2 1070PM
(with ACT PM Flush Plate - purchase seperately)

ACTsmart2 System



For built in electronic inputs / outputs use a DC supply for full functionality

ACTsmart 2

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, mm)	100 x 190 x 57
Mounting	surface
Installation	indoor

Network System



ACTsmart2 Controller

Ordering Information

Controller	ACTsmart2 Controller
Proximity reader	ACTsmart2 1070
Proximity reader (panel mount)	ACTsmart2 1070PM
Pin & Prox reader	ACTsmart2 1080
Pin only reader	ACTsmart2 1090
Smart Lock	ACTsmart2 Lock
Flush Plate (for ACTsmart2 1070PM)	ACT PM Flush Plate
Proximity Key Fob	ACTProx Fob-B*
Proximity ISO Card	ACTProx ISO-B*
Proximity Half Shell Card	ACTProx HS-B*
Proximity & Mag Stripe Card	ACTProx DUO-B*

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

PC Specification for ACTWin smart

Operating System:	Windows 2000, XP, 2003, Vista
CPU:	Pentium II (300Mhz or better)
RAM	512 Mb or better
CD ROM drive	Yes
Serial Port	Yes

Cabling Chart

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

ACTsmart2 Readers - Specification

	1070 /1080/1090	1070PM
Operating Voltage	12 - 24 Volts AC/DC	
Current Consumption	60 - 100 mA max	
Weight	173 grams	72 grams
Operating Temperature	-25 to +60 C	
Dimensions (HxWxD, mm)	100 x110 x 35	63 x 58 x 23
Mounting	surface / flush	panel
Installation	indoor / outdoor (IP67)	

ACTsmart2 Feature Chart

	ACTWin smart	ACTWin Lite	ACTWin pro
Doors	8	64	2000
Users	1000	30,000	30,000
User Groups*	16	1,000	1,000
Time Zones	16	256	256
Event Log	100,000	infinite	infinite
Anti passback support		✓	✓
Timed anti passback support		✓	✓
Access Control reports	✓	✓	✓
Reports: roll call		✓	✓
Reports: Time & Attendance		✓	✓
User Tracking		✓	✓
Door command facility	✓	✓	✓
Administrator audit trail			✓
Password protection	✓	✓	✓
SQL server			✓
TCP/IP support		✓	✓
Upload facility	✓	✓	✓
Real time download	✓	✓	✓
Photo ID for each user	✓	✓	✓
Client server			✓

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

ACTProx Fob

Extremely robust with a max range of 8cm



ACTProx Fob



ACTProx ISO Card

ACTProx ISO Card

Suitable for ID printing with max read range of 8cm

ACTProx HS Card

Robust half shell card with max read range of 8cm



ACTProx DUO Card



ACTProx HS Card

ACTProx Duo Card

Prox & mag stripe with max read range of 8cm. Suitable for ID printing.

ACTsmart 2

Product Overview

Powerful, flexible and cost effective solution for low to medium access control scenarios (max of 8 networked doors). With the ACTsmart2 readers / controllers it is simple to add and delete users. The readers / controllers may be totally standalone, connected together in a master slave mode or connected to a PC. The readers / controllers have an attractive design and surface / flush and panel mount options.

Main Features

- proximity only, pin and proximity or pin only
- Digital keypad backlighting (ACTsmart2 1080/1090)
- Access control, interlock, door monitoring and fire alarm interface
- Surface or flush mount with ACTsmart2 1070/1080/1090 (mounting directly on to standard electrical back box)
- Panel mount with the ACTsmart2 1070PM (with ACT PM Flush Plate - purchase separately)
- Indoor or outdoor installation (IP67)
- Standalone / Master Slave / Networked operation
- Single card or batch card addition or deletion
- Smart Lock option for high security doors. The Smart Lock is installed internally in the building thus preventing an intruder from having access to the lock relay.
- Tamper monitoring
- Works with ACTProx cards and fobs

Installation / Specification Guidelines

- May be installed in exposed outdoor locations (IP67)
- If the electronic outputs and inputs are to be used, or the master slave feature is required, ensure a dc supply to the unit
- As there are up to 1000 users available on the ACTsmart products the system administrator should keep good records to enable efficient addition and deletion
- In the event of master slave operation ensure there is at least one ACTsmart2 1080 when proximity is being used

ACTsmart2 Accessories



Flush mount plate



Surface mount collar



ACTsmart2 Lock Module

Proximity & Keypad Range

ACT

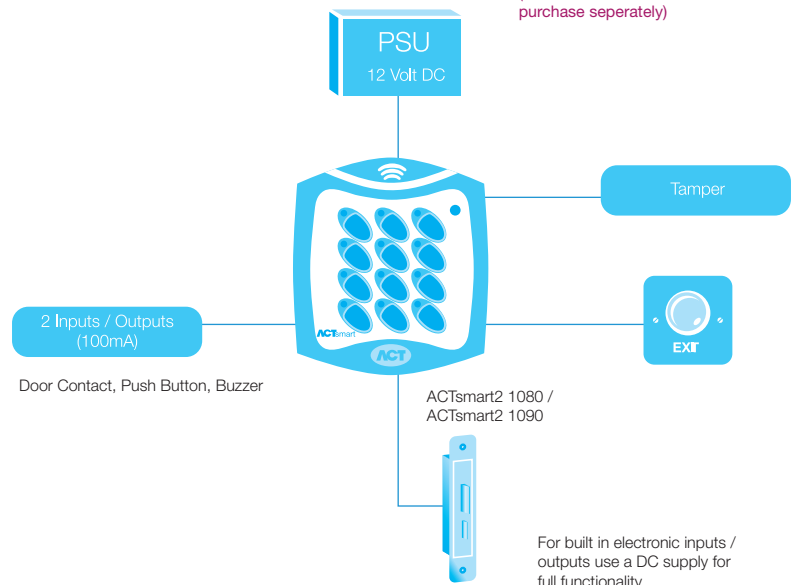
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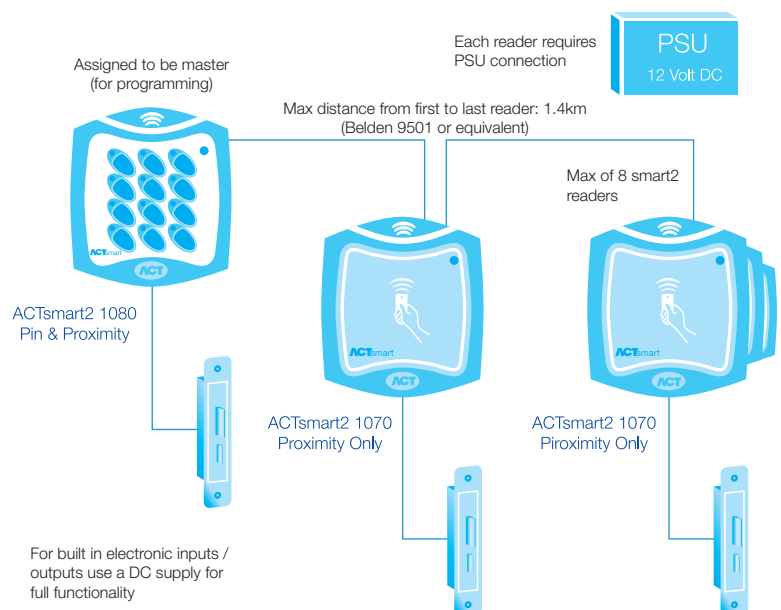
ACTsmart2 1070

ACTsmart2 1080 / 1090

ACTsmart2 1070PM
(with ACT PM Flush Plate - purchase separately)



ACTsmart2 Standalone Reader / Controller



ACTsmart2 1080 Master Slave Configuration

ACTsmart

ACTsmart 2

Product Specification

	1070/1080/1090	1070PM
Operating Voltage	12 - 24 Volts AC/DC	
Current Consumption	60 - 100 mA max	
Weight	173 grams	72 grams
Operating Temperature	-10 to +50 C	
Dimensions (HxWxD, mm)	100x110x35	63x58x23
Mounting	surface/flush	panel
Installation	indoor/outdoor (IP67)	

Door Entry & Access Control

ACT

Access Control Technology



ACTsmart2 1070



ACTsmart2
1080 / 1090



ACTsmart2 1070PM
(with ACT PM Flush Plate -
purchase separately)

Ordering Information

Proximity reader	ACTsmart2 1070
Proximity reader (panel mount)	ACTsmart2 1070PM
Pin & Prox reader	ACTsmart2 1080
Pin only reader	ACTsmart2 1090
Smart Lock	ACTsmart2 Lock
Flush Plate (for ACTsmart2 1070PM)	ACT PM Flush Plate
Proximity Key Fob	ACTProx Fob-B*
Proximity ISO Card	ACTProx ISO-B*
Proximity Half Shell Card	ACTProx HS-B*
Proximity & Mag Stripe Card	ACTProx DUO-B*

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

ACTsmart2 Lock - Specification

Operating Voltage:	12 or 24 Volts AC/DC
Current Consumption:	50 mA
Operating Temperature:	-10 to +50 C
Dimensions (H x W x D, mm)	45 x 60 x 30
Installation	inside PSU on secure side of the door



ACTProx Fob

Extremely robust with a max range of 8cm



ACTProx ISO Card

Suitable for ID printing with max read range of 8cm



ACTProx HS Card

Robust half shell card with max read range of 8cm



ACTProx Duo Card

Prox & mag stripe with max read range of 8cm. Suitable for ID printing.

ACTsmart2 Feature Chart

	1070	1070PM	1080	1090
Doors	1	1	1	1
Users	1000	1000	1000	1000
User Groups*	1	1	1	1
Pin Only			✓	✓
Pin & Card			✓	
Pin or Card			✓	
Card Only	✓	✓	✓	
Keypad Backlighting			✓	✓
Interlock	✓	✓	✓	✓
Door Monitoring**	✓	✓	✓	✓
Fire Alarm Override	✓	✓	✓	✓
Toggle Mode	✓	✓	✓	✓
Door Relay Output	5 amp	5 amp	5 amp	5 amp
Programmable Inputs	1	1	1	1
Programmable Inputs/Outputs	2	2	2	2
Push to release input**	✓	✓	✓	✓
Tamper Output	✓	✓	✓	✓
12 - 24 Volt DC or AC**	✓	✓	✓	✓
IP Rating	IP67	IP67	IP67	IP67
Door Forced / Door Ajar	✓	✓	✓	✓
Smartlock	✓	✓	✓	✓
Standalone Operation	✓	✓	✓	✓
Master Slave Operation	✓	✓	✓	✓
PC Application	✓	✓	✓	✓
Change Relay Timer	✓	✓	✓	✓
Duress Code			✓	✓

* ACTsmart2 software can have up to 16 User groups, with each User group having 4 different Time zones (max of 16)

** For full functionality use 12 Volt DC

ACT recommend that the ACTsmart2 1070 / 1070PM are not be used as a standalone reader for large systems in case the cards need to be reentered.

Cabling Chart

From	To	Cable	Restriction
PSU, lock release & release button	Reader	Standard alarm cable	200m