



Access Control & Environmental Monitoring Solutions

Product Overview 2013



Company

With more than 19 years experience in the design, manufacture and sales of electronic access control, environmental and security management systems, Axxess Identification are well-known for their innovative approach.

From small single door facilities to multiple sites with thousands of users, Axxess Identification's commitment and innovation will provide a solution. With enhanced solutions for retail, telecoms, hospitals, emergency services and utility applications.

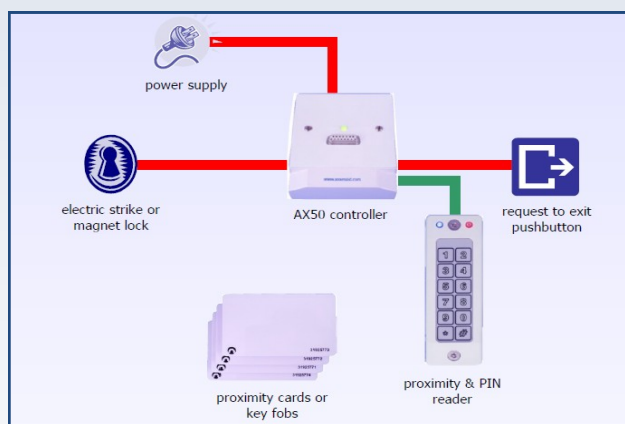
In addition to complete access control systems, Axxess Identification also offers a full range of OEM products including a choice of reader and card technologies, biometric readers and reader data converters for system integrators and security manufacturers.

AX15

The AX15 is a low cost, weatherproof, standalone access control system. Simplified installation and programming make it ideal for SME applications.

- Encrypted communication between reader and controller
- Controller on secure side
- Triple-encrypted proximity card
- Integrated electronic request to exit
- Volt-free or 12 volt lock output
- Electronic fuse, breakglass input
- Alarm output

* available from July 2013



AXK60

The AXK60 is a weatherproof, multi function, standalone pincode system. It is easy to use with pre-defined templates for a range of applications.

- 60 individual PINs
- >1 million key presses
- Backlit, LEDs & Buzzer
- Pre-defined templates
- Tamper contact
- 11 application templates



- Reader tamper
- Door contact and external REX input
- Simple to program with program cards
- Delete cards to remove lost and stolen cards
- Feature cards for control of enhanced functions
- Minimal installation time with standard single back box



AX50

The AX50 access control kit is a compact, standalone single door controller supplied with a proximity reader with keypad, controller and cards.

Presenting the wireless smart card within 10cm (4") of the slimline reader or entering the individual pin-code automatically verifies the unique code and opens the door if access is allowed for the individual.

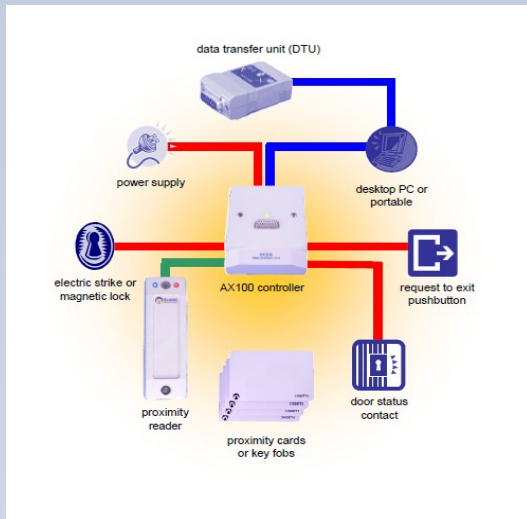
- Standalone kit
- Controller on secure side
- 500 cards/fobs and/or PIN
- Individual add, delete and block load of cards/ PINs
- Upwards compatible
- Compact size

ATM

The IP rated, weatherproof, standalone ATM system provides simple, low cost access control for ATM lobbies and membership areas.

- Long life head
- Impact resistant UV resistant polycarbonate.
- Stainless steel fixing plate
- No programming or set up required
- Access to any ISO standard encoded track 2 card
- Inhibit input
- 7 day timer/ REX input

AX100



The AX100 access control kit is a compact, standalone single door controller supplied with Windows™ Plug and Play software for up to 4,000 cards - ideal for all doors, gates and barriers – in offices, factories, warehouses, hospitals, membership clubs etc.

Presenting the proximity card within 10cm (4") of the slim-line reader automatically verifies the unique code contained in the card and opens the door if access is allowed for the individual.

- 1 door PC-based system
- Plug & Play
- Controller on secure side
- 4,000 cards/cards + PIN
- On or offline system
- Includes PC software for multiple controllers
- Import/export utility

AX200

The AX200 is an Ethernet based (TCP/IP) high-speed controller which can accommodate two AX100 intelligent door controllers.

The PC software included automatically detects the small jumper-less controllers which can easily be fitted local to the door and allows connection to an existing local and wide area networks using low cost standard CAT5 cabling reducing the need for costly dial-up modems or cabling.

Automatic setup and wizards reduce not only the installation and maintenance time considerably but also provides the novice or infrequent user guidance to quickly perform a wide range of tasks.

The optical AX Enterprise software allows client PC's on a LAN/WAN to monitor and control large systems with enhanced functions for remote site monitoring. Also available in dual redundant option.

An ActiveX software development kit for third party developers is available for integration to other software packages.



- Up to 256 doors & 65,000 users
- 256 time zones; 65,000 access levels
- E-mail reports
- 5 inputs, 5 outputs & 1 fire alarm input
- Exception monitoring
- Integrated time & attendance
- Desktop enrolment support
- Integrated photo ID
- Roll call
- Optional – Remote Reporting Module

AX300

The AX300 is an enhanced, two door IP-based controller providing RFID access control security, intrusion, environmental and remote site monitoring.

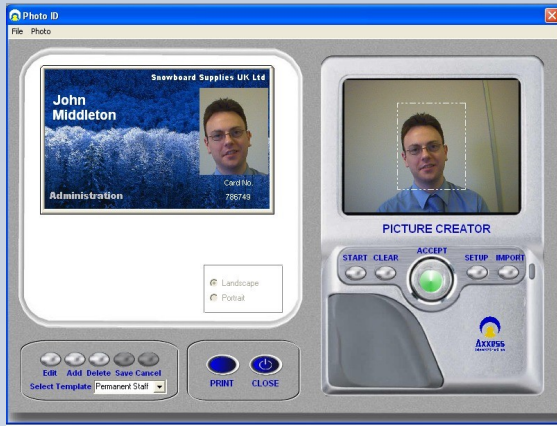
Additional monitoring sensors can be added and can be configured to frequently read but only report based on an exception condition.

The 3rd generation IP drivers minimise the amount of data making it ideal to run over existing networks with limited bandwidth, even in large scale solutions with hundreds of sites.



- Programmable door mode settings
- Monitored power supply/ battery charger for up to 4 magnet locks, 6 smart sensors & 2 proximity readers.
- Additional monitoring sensors can be added e.g. light, temperature, flood, mains power & other critical conditions
- Utilises industry standard TCP/IP and UDP for real-time monitoring and control over local wide area networks.
- Can run over existing networks
- Integrated monitored 4AH power supply
- Compatible with AX200 and i-BOX series software
- Also available in 1U rack housing

AX Photo ID



Complete photo ID system, for printing directly onto ISO proximity and magnetic-stripe cards. The kit includes dye-sublimation printer, printer ribbon, USB printer cable, USB camera, software drivers and a pack of blank white test cards.



The AX200 integrated photo identification software allows each cardholder to have a photo imported or taken from a live camera for video verification and photo ID card printing with easy to configure user-definable card layouts.

ANPR

Automatic Number Plate Recognition (ANPR) utilising IP-based infra-red day / night cameras.

Not only can you restrict who has access to buildings, car parks and complete areas and sites, but you can now restrict and monitor vehicles too.

Standard AX200 software can store up to 2 number plates per cardholder allowing a complete solution to personnel and vehicle access control and environmental monitoring.

- IP infra-red cameras day / night
- Cost effective solution single camera, for ANPR and colour viewing and recording
- High resolution 1.3 megapixel cameras (1280x1024)
- Car park management and control
- Vehicle access control for commercial and industrial entry / exit
- Server based authorisation up to 65,000 users



IP Cameras

IP cameras are available for a range of environments—from outdoor vandal-proof solutions to smaller office based internal. All our IP based cameras integrate with existing networks making installation easier than conventional analogue cameras. An added benefit of IP cameras is that it enables remote site monitoring to be setup quickly and easily. High resolution cameras ensure a high quality picture and with infrared you can monitor day or night.

AX Enterprise incorporates remote site monitoring with local recording in camera with alarm events.



The AX200 software supports up to 16 cameras recording and viewing integrated. The system is expandable up to 64 cameras per site.



i-BOX Environmental Monitoring & Control

The i-BOX provides true RFID access control security, intrusion, environmental monitoring and remote-site monitoring within a single small boxed solution.

Each i-BOX has a built-in temperature, humidity, light level and internal voltage sensor—with 14 ports for plug and play connection of additional smart sensors, together with two access control ports.



The central management software provides environmental monitoring and control, rack and cabinet access management, integrated photo ID, time & attendance, building access control, car park management, roll call and alarm management.

Many essential servers, network infra-structures etc are located within cabinets, racks and equipment rooms. The i-BOX provides early detection and enhanced security for protection of business- critical assets.

An ActiveX software development kit for third party developers is available for integration to other software packages.

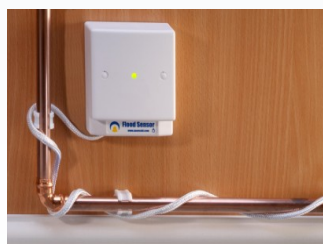
i-BOX Sensors

i-BOX provides extensive environmental monitoring for rooms and cabinet enclosures, the scalability of the system reflects this. Using strategically placed smart sensors, the system administrator has a clear picture of the condition within multiple parts of each enclosure.

Temperature measurements can vary significantly, concentration of equipment can produce hot spots — i-BOX can measure the temperature between equipment providing early warning of a potential problem. As the load on servers, switches and routers varies, so does the heat output.

Monitoring suitable conditions within acceptable limits is vitally important—i-BOX monitors temperature, humidity, power, flood, smoke, hot spots and others, preventing environmental conditions exceeding recommended thresholds—this in turn gives un-rivalled protection to sensitive equipment.

- Temperature sensor
- Temperature & humidity sensor
- Light level and door contact sensor
- Flow and temperature interface
- Pressure and temperature interface
- Fan speed and temperature sensor
- Door contact
- Door /panel position sensor
- Vibration /shock sensor
- Temperature & door contact sensor
- General analogue interface
- Mains present monitoring sensor
- Flood sensor with flood cable
- Smoke and temperature detector
- Intrusion / movement PIR
- Sounder / beacon module
- Fan fail sensor for fan tray
- Dust particle sensor
- Input / output module
- FireTecPro fire extinguishing interface
- Alarm interface



IC-Lock

IC-Lock offers a simple solution to cabinet and rack access control utilising leading edge proximity card technology.

The electronic handle incorporates the reader, controller and locking mechanism in one unit and will release to allow access when a valid user RFID card is presented.

The controller stores locally all the card holder data so it operates even in the event of a network failure

The IC-Lock can be connected to an I-BOX network controller, meaning the cards are managed remotely with the central software.

- Proactive control
- Local Management
- Easy configuration
- Scalable
- Retrofit-able
- Upgradeable
- Up to 256 time zones



IT-Locks

IT-Locks provides proximity card-based desktop security for PC's and laptops. Simply removing the card from the small desktop reader blocks the PC and monitor instantly from unauthorised users. Unlike Windows passwords, the proximity card cannot be copied or duplicated.

IT-Locks leaves your data secure and can co-exist with Windows security or other third party software applications. Hard disk data remains unchanged.

IT-Locks instantly secures your keyboard, monitor and mouse and is ideal for open plan offices, training rooms, colleges and other areas where you do not want others to have access.

The instant privacy button blacks out the screen from prying eyes- keeping the on-screen data confidential – by pressing the privacy button again restores the screen to where you left off. The compact desktop reader connects to the USB port on your PC requiring no external power supply or other devices.

IT-Locks can also be used as a virtual keyboard driver (VKD) to read the electronic serial number of the card in any Windows™ based application – making it an ideal solution for 3rd party applications.

Central management of multiple units using AX200 software and on AX Enterprise with time zone transactions.

- Administrator passwords
- User accounts
- USB connection
- Enrolment reader
- 125KHz technology
- Wireless smart card technology
- 13.56MHz Mifare™ version also available
- Privacy button
- Virtual keyboard driver for 3rd party applications
- Energy saving



Energy Saving Key Card Switch

The EKC-5 is a card operated, energy saving, electrical switch allowing on /off control using a proximity card.

The unit is easy to use, requiring no programming. Simply insert an AX 125 KHz proximity card or compatible into the switch to activate the relay turning the power on, removing the card will turn the power off after a 10 second delay.

Ideal for use in hotels, offices and factories for controlling lighting and machinery etc.

Requires the correct technology card to operate,

- Standalone operation
- Electronics powered from mains
- LED indicator
- Works with AX, HID and other compatible 125Khz cards
- I-CODE and other card technologies available upon request
- Mifare 13.56MHz version available
- Maximum load 30A 230 volt
- Compatible with standard single gang back box for easy installation



Motorised Magstripe Reader

The AX motorised reader allows visitors or invalid / expired cards to be retained, whilst valid user cards are returned.

The interface provides a standard 50 bit Wiegand interface; other formats available on request.

The magstripe can be encoded with a one-time valid code indicating whether the card is to be retained. Alternatively the two inputs can be activated within a two second time period to command return or retention of the card.

The optional addition of a proximity reader module works in combination providing a standard Wiegand interface.



AX Proximity Reader

- Proximity 125KHz
- Weather-proof IP68
- Wiegand output
- Magstripe output
- Flexible Card formats
- Cable length 2 metres
- Blue & Tri-colour LED
- Buzzer



ISO Proximity Card

- For use with AX proximity readers
- ISO standard size
- 125KHz
- Glossy surface for dye-sublimation printers (photo ID systems)
- 13.56MHz Mifare™ version also available
- Encoded and numbered
- Sold in packs of 10



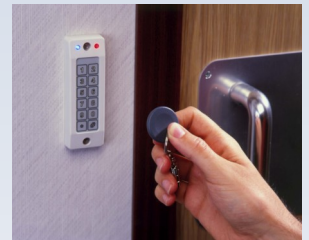
AX Proximity with PIN

- Proximity 125KHz with PIN
- ISO10536
- Weather-proof IP68
- 13.56MHz Mifare™ version also available
- Read range 10 cm
- Wiegand Output
- Magstripe Output
- Flexible Card Formats
- Cable length 2 metres
- Blue & Tri-colour LED
- Buzzer



Proximity Key Fob

- For use with AX proximity readers
- 125KHz
- Nail-friendly key ring
- Encoded and numbered
- Colour: Grey
- Size 35x40x6.5 mm
- Sold in pack of 10



Proximity OEM Modules

- Passive Contactless Technology
- 125 KHz & 13.56 MHz
- ISO10536
- ISO15693, ISO14443A/B
- Wiegand Output
- Magstripe Output
- Flexible Card Formats
- 2 metre cable

Reader Data Converter

Convert existing card and / or reader data from or to:

- Wiegand
- Clock & Data
- RS232
- Variety of in/output formats
- Other formats on request
- ABS housing also available to fit up to 2 converters

Multi-Technology Readers

- High Security
- 13.5Mhz & 125KHz
- Metal case
- Mifare, DESFire
- FeliCa encryption
- Temic & EM
- Tamper



AXM Magstripe Reader

- Weather-proof IP68
- Vandal Resistant
- Reads Lo-Co & Hi-Co magnetic-stripe cards
- Choice of outputs eg. clock & data, Wiegand
- Cable length 2 metres



HID Readers & Cards

Axxess ID are distributors of the complete range of HID access control readers and cards. The HID line consists of product brands such as iCLASS, SmartID, HID Prox and Indala Prox. HID's access control readers and credentials feature low-frequency (125 kHz), high-frequency (13.56 MHz) and multi-technology solutions.

AX Enterprise Software

The AX Enterprise is a web based integrated security management solution.

Access can be from anywhere in the world with internet access and a standard web browser like Microsoft Internet Explorer. Using a standard web browser avoids the need to install and maintain additional client software.

Industry standard firewalls can be used to ensure suitable protection of the data.

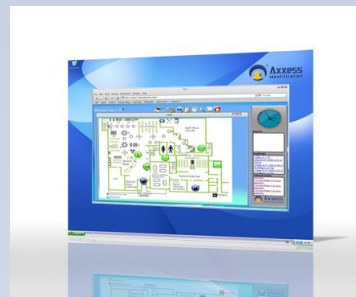
Graphical floor plans allow visual control and monitoring of sites and areas. Drawings and photographs can be imported in standard formats eg JPEG, GIF, TIFF and BMP, allowing users to quickly and easily set up new sites or areas.

AX200 software and AX Enterprise can run on the same server but is often installed onto a separate server with an ISP (Internet Service Provider) The AX200 software acts as a communication server and only publishes pre-defined information.

The software as standard supports up to 512 sites expandable up to 4096 sites with 512 readers per area/site. 65,000 cardholders are supported with 256 time zones and 65,535 access groups subject to hardware requirements.

AX Enterprise software is also available as a Dual Redundant version providing fully automatic changeover in case of failure of the lead/main server.

A range of optional software modules for interfaces to third party products including Inovonics, Senstar, Pinpoint etc



Inovonics

Axxess Identification is an authorised European distributor of Inovonics wireless security and environmental monitoring products.

Inovonics products are easily adapted to work with other systems already in place and can help with the security of the most challenging commercial environments.



Featuring enhanced supervision flexibility, sophisticated jam detection, multi-featured check-in messaging and the most robust backbone on the market, these products ensure reliability in challenging commercial environments.

Intelligent repeaters can extend coverage to very large areas supporting many devices. An installation can easily scale from a small retail shop to a sprawling multi-building commercial facility



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May 2013

