

GE
Security

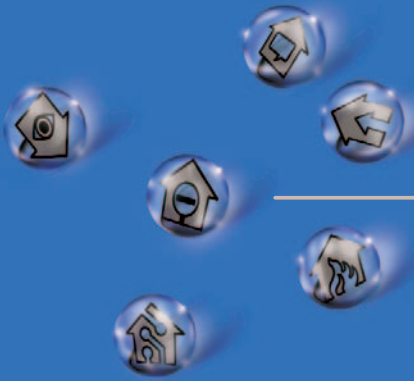
advisor MASTER

user interfaces



unrivalled expertise
controls & communications





advisor MASTER

TOTAL SECURITY SYSTEM

feel secure

In a world where growing prosperity is leading to greater technical complexity and increased vulnerability, you need fail-safe, round-the-clock security to ensure the continuity of your business. The advisor MASTER is GE-Security's new family of control panels and peripherals, engineered to become the backbone of your security and designed for commercial applications ranging from high-street stores or professional practices to office and government buildings, banks, post offices, supermarkets, distribution centers, schools and many other locations.

It has integrated alarm and access control for 7/24/365 effective security. It is modular to grow as your security needs grow, it is flexible to meet your particular needs.

And that is security you can feel secure about.

In addition, the advisor MASTER family is the first security system that uses a common hardware and software platform across Europe. Only the default settings and language vary from country to country.

Outdoor Keypads

Vandal and water resistant keypads designed to be used in harsh environments can be easily left fully exposed in almost any climate. With proper installation, the outdoor keypads can withstand the tests of Mother Nature while providing you with the opportunity to control your system from outside the protected area.

Aluminum Keypads

ATS1151 and ATS1156

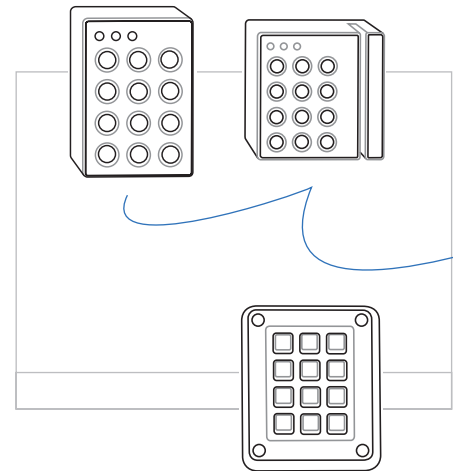
The electronics are mounted in an aluminum housing which is designed to resist weather and vandalism. The keys are engraved stainless steel. It is suitable for all kinds of environments, indoors or outdoors, and has a built-in heater to keep the unit ice-free. If it is mounted in a suitable enclosure, it has IP67 rating and can operate between -25 °C and +70 °C.

Heavy-duty Keypad

ATS1155

The electronics are mounted in a steel housing which is designed to resist weather and vandalism.

The keys are engraved stainless steel. It is suitable for all kinds of environments, indoors or outdoors. It has IP67 rating if mounted in a suitable enclosure. It is supplied in kit form for mounting as required on a metal plate, brickwork or in a customised enclosure. The LED indicators are separately provided to mount in the area of the keypad.

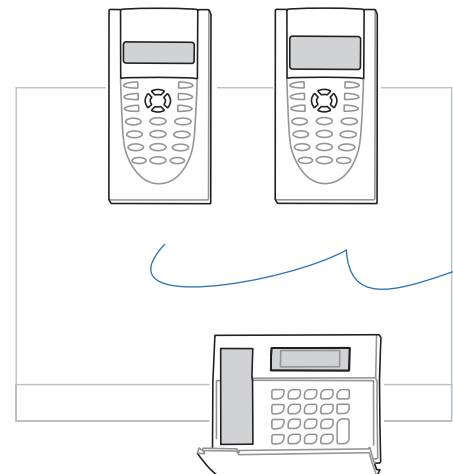


Indoor Keypads

Modern Design keypads

ATS1110, ATS1111, ATS1115 and ATS1116

The ATS111X series has a modern ergonomic design and has a clearly readable text on a 2 or 4 x 16 character LCD for displaying system programming, alarm and access control functions. The viewing angle of the display as well as the volume level of the built-in buzzer is adjustable via the keypad. The arrow keys will navigate the user easily through the programming and operational features. Optionally it has built-in smart card proximity reader giving the user the possibility of combining card and PIN functionality for increased security.



Classic Design Keypads

ATS1100 and ATS1105

The ATS 110X series has a clearly readable text on a 2 x 16 character LCD and can be mounted at a distance of 1.5 km from the panel. The keypad can display the status of 8 areas using LED's, while the LCD shows details of alarms or a pre-programmed text. DIP switches on the keypad determine whether the area LED's represent the first 8 areas in a total of 16 or the second 8, depending on customer requirements and the location of the unit. It features one open collector output for door control and one dedicated Request to exit zone.

applications

Interfacing with the system

It has never been so easy.



Badge your ID access card to unlock the door, disarm the alarm system and switch the lights on. In the evening, badge your card three times within 10 seconds. Operating a security system has never been so easy.

Remote Arming Stations

Each advisor MASTER panel can take up to 16 Remote Arming stations at any time, greatly increasing user flexibility and with its modular expansion facility gives the possibility to expand your system whenever needed.

Arming/Disarming using Cards

With the advisor MASTER, users can use their regular ID access card to both arm and disarm areas. In the morning, the first user to enter badges his/her card to unlock the door and disarms at the same time the areas he/she has access to. In the evening, the last user to leave badge his/her card three times within 10 seconds. and arms the areas. Multiple card badging techniques could be used in several different applications. For example, doors can be programmed so that badging once unlocks, badging twice with the same card keeps the door unlocked to allow people in and out without card badging and three times relocks the door. This is probably the best solution for a removal or an open day event.

Arming/Disarming using PIN code

The advisor MASTER also gives the possibility to arm and disarm by entering a pre-programmed 4 to 10 digit PIN code on a keypad. Depending

on the settings, users will be prompted with the list of areas they can arm/disarm or permitted area(s) will be automatically armed/disarmed as they enter their code.

Arming/Disarming using card + PIN code

Prevent disarming with lost cards

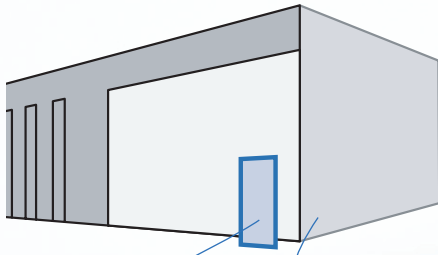
The system can be programmed so that users only have to present their card to disarm during daytime but have to present their card and punch in their unique PIN code at night or during weekends.

Dual Custody

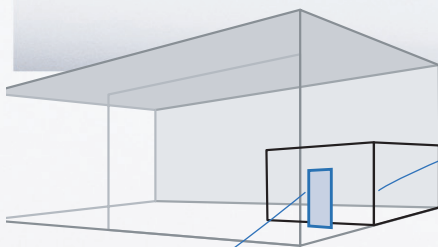
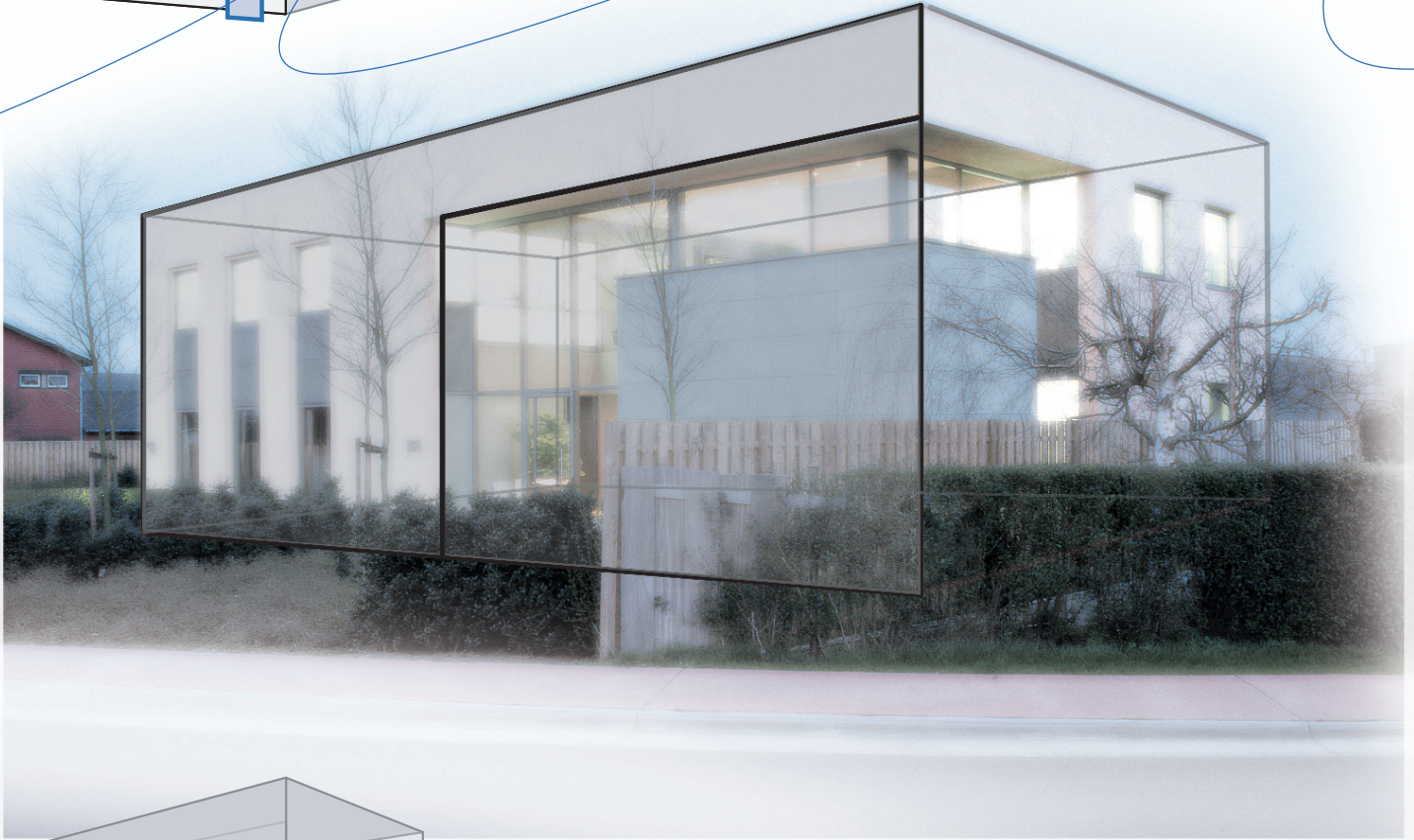
High security application

With this option, the system will always require a second valid card or code to be entered to perform any functions. The dual custody can also be combined with Interlocking (door disabled when another door is open) to provide a high security solution.

This option is available if an ATS1250 is used.



Outdoor



Indoor

Arm/disarm from outside the protected area

Reduce false alarms during entry and exit

With the advisor MASTER, users can arm and disarm from outside the premises thanks to the integration of access control. Entering a code, badging a card or a combination of the two on the outdoor device (ATS1155, ATS1192, ...) the user could unlock the door and disarm the respective area.

Final Door Set and Exit Terminator

Reduce exit time with a push of a button

The final door set and exit terminator are input types used to shorten or terminate the exit timer. Once activated, the system is fully armed and alarms can be released to central stations. The first input type is meant for a door contact on the exit door while the second one is meant for a push button located outside the protected area, next to the exit door.

Courier switch

Deposit a parcel in the lobby without disarming

A courier can enter a building (the entry timer starts), drop a parcel, turn a key switch (the entry timer toggles to the exit timer) and leave without disarming any area and without sending any alarm to the centre station.

Duress

Early morning robbery response

In a situation where a user is being forced to breach the security system, entering your Pin code plus one (e.g. 1111 becomes 1112) will activate a silent notification to the central station.

Reader disable

To disable an access control door from normal operation

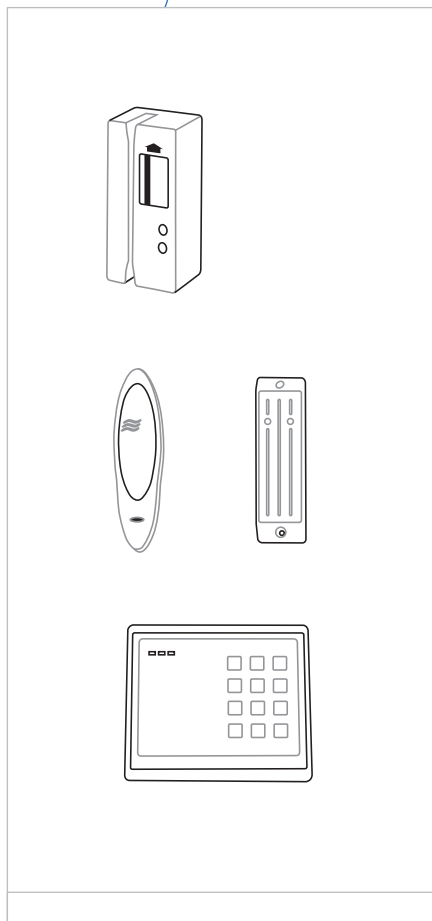
In a prison situation where social disorder has broken out, employing this feature will prevent anyone but users with a certain privilege access from using the door in reader disable state.

Pay per use

The GE Security smart card readers may also be configured to operate in stand-alone mode and installed on a wide range of equipment including vending machines or recreational and sport facilities in clubs or hotel resorts. This function enables credits to be assigned to user cards which are deducted from the card by the reader on a usage basis. Up to 56535 credits may be allocated in up to four different banks with different access levels. The reader identifies from which bank the credits have to be deducted and the number of credits per valid card presentation, based on the predefined value of goods or services provided.

Indoor and outdoor readers

GE offers wide variety of readers for every business requirement. With a choice of proximity, contact, magnetic stripe, or branded bar code access control readers, businesses have the ability to select readers to fit their individual needs. Cards and high quality key fobs are also available. These cards are identical in size and thickness to standard credit cards with both the smart chip and the antenna embedded inside the card.



Magstripe Reader

ATS1410

A modern design Magstripe card reader suitable for mounting on metal door or window frames. The reader has two LED's and a built-in beeper, which provide access control status indication. The ATS Magstripe reader is designed to interface with the ATS1170 Single Door Controller or with the ATS1105 keypad; The electronics to achieve this are installed in the reader and require no special programming or sophisticated wiring.

Proximity readers

ATS1190 and ATS1192

The advisor MASTER range includes innovative proximity readers with smart Hitag II card technology. They are fully filled with epoxy resin for outdoor use and are available in different colors by using an exchangeable snap-on cover. These readers connect directly on the bus of the control panel and may be configured and addressed via a LCD keypad. They all feature a unique optical pry-off tamper switch solution.

Proximity reader with keypad

ATS1197

The Proximity reader with keypad readers provide the convenience of proximity technology together with a keypad for use when a Personal Identification Number (PIN) entry is required for added security.

Economical and easy to install, it has a rugged, weather-resistant ABS plastic housing. Additionally, it provides an LED status display and a controllable beeper to indicate reader operation and status.

Display available parking spaces

Counting cars in and out

The counter facility of the system can be used with users badging their cards at the parking gate and display if there are spaces available.

Own Programmed cards

The advisor MASTER cards and key-fobs are designed to operate in conjunction with ATS readers, card programmer and ATS8100. Together, these products build a powerful and extremely flexible solution. These cards can now be programmed or re-programmed any number of times. Just bring up the user screen in ATS8100, hit the write button on the screen, present the card to the programmer and that card is instantly programmed for that specific user's function.

Prevent unauthorised card creation or duplication

The user has the possibility to program a unique 4 billion-combination security code for each customer. Once the security code has been created and down-loaded to the programmer and cards programmed, it is not possible to read the memory on the card or even recognise the card memory at any other reader or programmer combination. Communication between ATS8100 and the programmer may also be password protected to prevent the 4-byte security code from being uploaded from the programmer into another ATS8100.

Photo ID

The ATS8100 provides a completely integrated video and image solution that enables the production of photo ID cards for system users, contractors or visitors. The ATS8100 enables the operator to capture images through live video or to import images in a digital format. Any number of photo ID card layouts may be designed and managed. The ATS8100 photo ID can also display user's images as they present cards at specific doors. This enables the operator to compare the live image with the picture from the database assigned to the user.

Code Description

ATS1100	Keypad, 2x16 character LCD
ATS1105	Keypad, 2x16 character LCD, with reader interface
ATS1110	Keypad 2x16 LCD 16 areas
ATS1111	Keypad 4x16 LCD 16 areas
ATS1115	Keypad 2x16 LCD 16 areas integrated prox
ATS1116	Keypad 4x16 LCD 16 areas integrated prox
ATS1151	3 LED keypad aluminium housing.
ATS1155	4 LED heavy duty keypad (supplied in kit)
ATS1156	3 LED keypad aluminium housing with integrated magstripe reader
ATS1190	Smart card reader (supplied with 2,5 m of cable)
ATS1192	Heavy duty Smart card reader (supplied with 2,5 m of cable)
ATS1197	Smart card reader with Keypad
ATS1410	Magstripe reader
ATS1470	Smart card
ATS1471	Smart tag (key fob)
ATS1472	Smart card with programmable magnetic stripe
ATS1473	Smart Tag Plastic version
ATS1475	Smart card packed (10 pieces)
ATS1476	Smart card with programmable magnetic stripe (10 pieces)
ATS1477	Key fob fiber with programmable magnetic stripe (10 pieces)
ATS1480	Default card for Smart card programmer
ATS1481	Programming Card, IC
ATS1621	Smart card programmer (European plug)
ATS1622	Smart card programmer (UK/Ireland plug)
ATS1650	ATS training box
ATS1660	Snap-on cover for ATS1190 - white (10 pieces)
ATS1661	Snap-on cover for ATS1190 - red (10 pieces)
ATS1662	Snap-on cover for ATS1190 - grey (10 pieces)
ATS1663	Snap-on cover for ATS1190 - beige (10 pieces)
ATS1664	Snap-on cover for ATS1190 - black (10 pieces)
ATS8100	Management software TITAN (multilingual CD-ROM edition)
ATS8100UP	Upgrade CD-ROM (only for usage on PC where a previous version of TITAN is installed)
ATSDK11xx	Language kit for ATS1100/05 (various languages)

Addresses

www.gesecurity.net

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GE imagination at work