



Fingerprint Technology
Birkegaarden Ltd.

Digital Keyless Locks

PIN Code, Card & Biometric Locks



Utilising 21st Century Fingerprint Technology, the Birkegaarden series of fingerprint, pin-code and MiFare card locks combine security and convenience - there is no longer a need to fear losing keys or forgetting passwords. The advanced design of the series is suitable for homes and offices as well as hotels, hospitals and universities.



Secure second-generation card operated lock with outstanding Danish design

The LP708 is a card operated lock: Instead of metal keys or code numbers – show it the right card and the door may be opened. The LP708 is the efficient, elegant secure way to control any number of doors and users. A single door with four users or thousands of doors with thousands of frequently changing users: It's all the same to the LP708.

By using the latest technology all the coded authority is carried on the card rather than in the lock. The lock therefore requires no wiring at all: it is battery powered and it receives its initial programming at the time of installation.

The cards receive their coding when they are issued to the users. They may be programmed to operate only one door or many doors: Using a small encoding device the administrator electronically writes all the required information on to the card, such as the user's identity (a photo may be added), which door (or doors) may be operated, when they may be operated, and when the validity expires.

Audit Trail In addition both the LP708 lock and the cards keep a memory trail of all the users (or attempted uses). The lock can produce an audit list of all cards presented to it, and the card will show a list of all doors it has been presented to.

The Standard LP708 has a keypad in addition to the card reader to provide two levels of authority if required.

The Hotel version has no keypad for improved elegance and simplicity.

Card Integration The use of MiFare technology enables the use of Birkegaarden LP708 cards for many other applications in addition to operating the locks, such as cashless vending, membership schemes or room safes.

Corporate Identity Both the cards and the locks may be branded with a company logo and details.



Automatic Doors Locks can be integrated with automatic doors to provide opening solutions to assist in meeting the requirements of the Disabilities Discrimination Act (DDA).

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FEATURES

1. Convenient one-touch MIFARE card with emergency PIN code access, or in a pinch, manual key override access (LP708A)
2. Ten user memory capacity
3. Easy to operate keypad makes registration, deletion, and mode programming simple
4. Can be set up into Constant Open (C/O) status which enables the lock to be opened just by turning down the handle from outside
5. Can be locked from inside with pin-code
6. Works with Birkegaarden wireless alarm
7. Choice of handles
8. Fitting various types of European standard mortise including the three-point mortise
9. Unique, attractive and durable finishes
10. Three-AA batteries support 10,000 operations
11. Malicious operation protection deactivates lock for five minutes after five wrong access attempts (optional)
12. Adaptable for outside use under severe environmental conditions
13. Low power alert - audible warning to replace batteries

SPECIFICATIONS

DIMENSIONS, OUTSIDE:	L237 X W540 X D320MM	INSIDE: L237 X W540 X D270MM
WARRANTY PERIOD	18 MONTHS	
BATTERY	1,5V AA SIZE ALKALINE BATTERY X 3	
POWER CONSUMPTION	DYNAMIC: <350MA	STATIC: <25MA
PROCESSING TIME	<0.75 SECOND	
CARD TYPE	MIFARE, ISO 14443 A, JCOP30 OG MPCOS COMBI KORT	
CARD READER/WRITER	RS232 (STANDARD)	
NUMBER OF USERS	10	
USERS/PIN CODES	99/10	
EMERGENCY ENTRANCE	PIN OVERRIDE / MANUAL KEY OVERRIDE	
WORKING TEMPERATURE	-25°~50°	
WORKING HUMIDITY	20 TO 80%	
WEATHER RATING	IP44	
WEIGHT	3,55/2,55 KG	
FINISH	BRUSHED ALUMINIUM	
DOOR THICKNESS	3CM TO 5CM	
APPROVALS	ISO/IEC 19794-4, ISO 9001 OG CE	
PATENT EP	1803875, DK200500222, DR200900073, OGBR200500222	

NOTE: Technical data is shown for the newest editions and therefore is only a guide as there could be older additions where specifications may differ



Secure card operated lock with outstanding Danish design

The LP808 features convenient one-touch fingerprint access with emergency PIN code access and manual key override access (LP808A); the advanced biomechanical design provides a futuristic appearance and is suitable for installation in homes or offices.



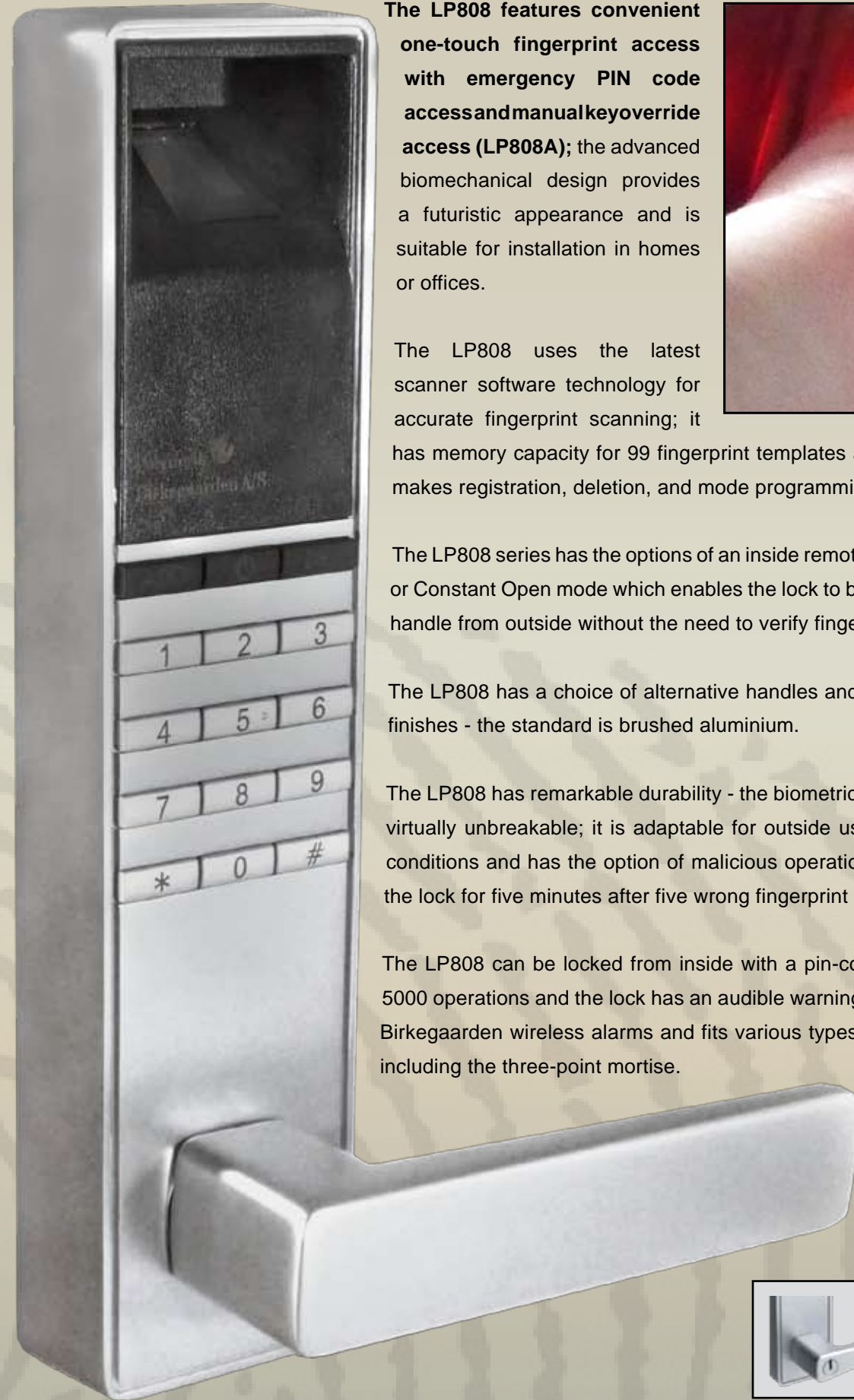
The LP808 uses the latest scanner software technology for accurate fingerprint scanning; it has memory capacity for 99 fingerprint templates and its easy-to-operate keypad makes registration, deletion, and mode programming simple.

The LP808 series has the options of an inside remote control, an audit track feature, or Constant Open mode which enables the lock to be opened, simply by turning the handle from outside without the need to verify fingerprints.

The LP808 has a choice of alternative handles and unique, attractive and durable finishes - the standard is brushed aluminium.

The LP808 has remarkable durability - the biometric sensor is scratch resistant and virtually unbreakable; it is adaptable for outside use under severe environmental conditions and has the option of malicious operation protection which deactivates the lock for five minutes after five wrong fingerprint scanning attempts.

The LP808 can be locked from inside with a pin-code: three AA batteries support 5000 operations and the lock has an audible warning low power alert. It works with Birkegarden wireless alarms and fits various types of European standard mortise including the three-point mortise.



CHOICE OF HANDLES

Modern is supplied as standard



Modern



Classic



Comfort

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SPECIFICATIONS

UNIT DIMENSIONS, OUTSIDE	L237 X W540 X D320MM
UNIT DIMENSIONS, INSIDE	L237 X W540 X D270MM
WARRANTY PERIOD	EIGHTEEN MONTHS
BATTERY	1,5V AA SIZE ALKALINE BATTERY X 3
POWER CONSUMPTION	DYNAMIC: <350MA STATIC: <25MA
FINGERPRINT SCANNER	OPTICAL CMOS
FALSE ACCEPTANCE RATE(FAR)	<0.0001%
FALSE REJECTION RATE (FRR)	<0.01%
PROCESSING TIME	<0.75 SECOND
NUMBER OF USERS	99 FINGERPRINTS
USERS/FINGERPRINTS	45/99
EMERGENCY	DEVICE PIN OVERRIDE / MANUAL KEY OVERRIDE
WORKING TEMPERATURE	-25°~50°
WORKING HUMIDITY	20 TO 80%
WEATHER RATING	IP44
GROSS/NET WEIGHT	3.55/2.55 KG
STANDARDS	ISO/IEC 19794-4, ISO 9001 OG CE
PATENT	EP1803875, DK200500222, DR200900073, OGBR200500222
COLOUR	BRUSHED ALUMINIUM
DOOR THICKNESS	3CM TO 5CM

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FEATURES

1. Entry by fingerprint, 99 as standard
2. Entry by 10 pin codes (new 99) up to 10 numbers
3. Entry by key (LP-808A)
4. Permanent open function
5. Lockable from inside by pin code
6. Connection of emergency power
7. Suitable for multi-point locks
8. Choice of handles
9. Power: 3 x 1.5v AA batteries
10. Suitable for outdoor use
11. Works with alarm systems by Birkegaarden
12. Latest scanner software technology
13. Available with double technology security system

Secure card operated lock with outstanding Danish design



The LP903 & LP905 locks use a PIN code as the primary verification method. The LP903 & LP905 is ideal for residential & commercial use, as the heavy-duty mortise lock provides a high level of security.

The LP903 & LP905 locks have a capacity for 10 codes of up to 10-digits making it ideal for day care centres, pharmacies, doctors surgeries, offices and residential applications.

The LP903 & LP905 feature a key override and permanent open function. They can be installed with European standard mortise locks or multi-point locks and use 3 x 1.5v AA batteries and are suitable for outdoor use.

The LP903 has an external keypad; The LP905 has keypads inside and outside enabling control both ways.

The LP905 can be linked to a Birkegaarden wireless alarm system. The alarm is disarmed automatically when the door is unlocked, and armed again when the door is locked.

Utilising 21st Century Technology the LP903 & LP905 pin-code lock combines security, cost and convenience together. The advanced design of the LP903 & LP905 mean they are suitable for homes, offices, external gates etc.

The LP903 & LP905 are ideal, low cost, high security keyless locks that will ensure that you will never be locked out of your home or office again.

The LP905 and LP903 give maximum security at an affordable price.

The LP905 is available in five different colours. The LP-903 only in silver / aluminium.



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SPECIFICATIONS

UNIT DIMENSIONS, OUTSIDE:	L195 X W55 X D28MM
UNIT DIMENSIONS, INSIDE:	L205X W55 X D28MM
WARRANTY PERIOD	18 MONTHS
BATTERY	DC 1,5V AA SIZE ALKALINE BATTERY X 3
EMERGENCY	ENTRANCE OVERRIDE KEY
POWER CONSUMPTION	DYNAMIC: <200MA STATIC: <10UA
FALSE ACCEPTANCE RATE(FAR)	<0.0001%
FALSE REJECTION RATE (FRR)	<0.01%
PROCESSING TIME	<0.75 SECOND
NUMBER OF USERS	10 PIN CODES
WATERPOOF RATING	IP44 OR IP65
EMERGENCY DEVICE	PIN OVERRIDE / MANUAL KEY OVERRIDE
WORKING TEMPERATURE	-25°-50°
WORKING HUMIDITY	20 TO 80%
GROSS/NET WEIGHT	3,6/2,6 KG
STANDARDS	ISO/IEC 19794-4, ISO 9001 OG CE
PATENT	EP1803875, DK200500222, DR200600006, OGBR200500222
COLOR	BRUSHED ALUMINIUM
DOOR THICKNESS	3CM TO 5CM

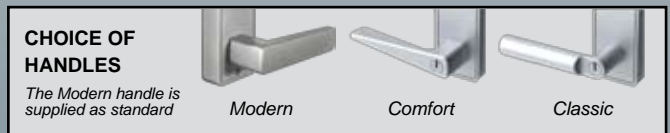
NB Technical data is shown for the newest editions and therefore is only a guide as there could be older additions where specifications may differ.

FEATURES

1. Convenient pin-code access with emergency manual key override.
2. 10 codes of up to 10 digits.
3. Easy to operate key pad makes registration, deletion, and mode programming simple
4. Can be set up into Constant Open (C/O) status which enables the lock to be opened just by turning down the handle from outside.
5. Fitting various types of European standard mortise locks including some three-point locking mechanisms.
6. Unique, attractive and durable finishes.
7. Three AA batteries support 5000 operations.
8. Malicious operation protection deactivates lock for five minutes after five wrong pin-code attempts (Optional)
9. Adaptable for outside use under severe environmental conditions
10. Advanced design provides a futuristic appearance
11. Low power alert - audible warning to replace batteries



LP903/905 MARINE EDITION
features an IP65 rating. Please ask us for more information.



Pin code lock with outstanding Danish design

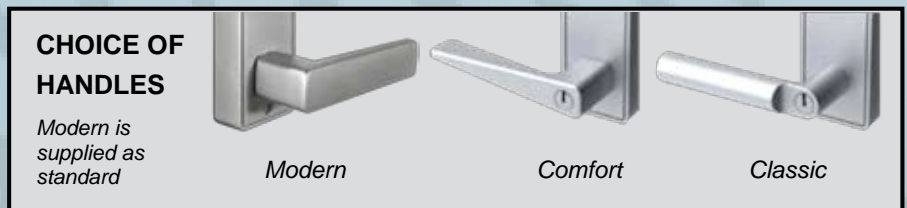


LP908 is a PIN code lock in an exquisite design by the Danish group Designit, who also work for Bang & Olufsen, Stelton and Georg Jensen.

This lock is easy to program and use; You can choose between 10 different codes with up to 10 digits.

The lock can be operated from both inside and outside, it has very low power consumption and it can also control a Birkegaarden alarm system automatically. The lock conforms to all current insurance requirements.

LP908 is for users who want a combination of exquisite design, peace of mind and user-friendliness. This model is supplied with a key for emergency over-ride and is available with a choice of various different handles.



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SPECIFICATIONS

UNIT DIMENSIONS, OUTSIDE:	L237 X W540 X D320MM
UNIT DIMENSIONS, INSIDE:	L237 X W540 X D270MM
WARRANTY PERIOD	ONE YEAR
BATTERY	1,5V AA SIZE ALKALINE BATTERY X 3
EMERGENCY BATTERY	NO
DYNAMIC POWER CONSUMPTION	<350MA
STATIC POWER CONSUMPTION	<25MA
FINGERPRINT SCANNER	OPTICAL CMOS
FALSE ACCEPTANCE RATE(FAR)	<0.0001%
FALSE REJECTION RATE (FRR)	<0.01%
PROCESSING TIME	<0.75 SECOND
NUMBER OF USERS	99 FINGERPRINTS (RECOMMENDED 30)
USERS/FINGERPRINTS	45/99
EMERGENCY ENTRANCE	PIN OVERRIDE / MANUAL KEY OVERRIDE
WORKING TEMPERATURE	-25°-50°
WORKING HUMIDITY	20 TO 80%
WEATHER RATING	IP44
GROSS/NET WEIGHT	3.55/2.55 KG
STANDARDS	ISO/IEC 19794-4, ISO 9001 OG CE
PATENT	EP1803875, DK200500222, DR200900073 OGBR200500222
COLOUR	BRUSHED ALUMINIUM
DOOR THICKNESS	3CM TO 5CM

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FEATURES

1. Convenient pin-code with emergency PIN code access and manual key override (LP908A)
2. Entrance by pin-code, 10 users with each pin-code up to 10 digits;
3. Easy to operate keypad makes registration, deletion, and mode programming simple
4. Can also be special-ordered with a Constant Open mode
5. Can be set up into Constant Open (C/O) status which enables the lock to be opened just by turning the handle from outside without the need for a PIN code
6. Can be locked from inside with pin code
7. Works with Birkegaarden wireless alarm
8. Choice of handles
9. Fitting various types of European standard mortise including the three-point mortise
10. Unique, attractive and durable finishes
11. Three AA batteries support 5000 operations
12. Malicious operation protection deactivates lock for five minutes after five wrong pin-code attempts (optional)
13. Adaptable for outside use under severe environmental conditions
14. Low power alert - audible warning to replace batteries

Standalone lock with outstanding Danish design

The most durable biometric fingerprint door lock you'll find. The LP805 is fashioned with a flawless cast steel case and has a virtually unbreakable biometric sensor window, both of which can withstand the most severe environmental conditions.

The LP805 provides fingerprint identification of up to 99 users plus PIN code and manual key access so it's as versatile as it is tough.

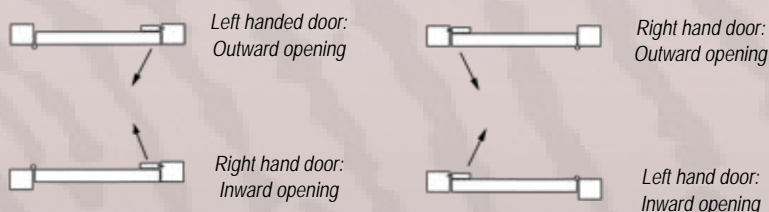
LP805 can track each entrance and exit with the connections and audit trail software (optional).

The LP805 may be fitted with an automatic deadlocking mortice latch or with the automatic mortice sash lock (BK/SLC) on which the solid deadbolt is automatically thrown every time the door is closed.

The LP805 biometric fingerprint door locks are available in push or pull and left or right handed. Please specify left or right hand when ordering. The advanced design of the LP805 series is suitable for all residential, commercial, institutional or industrial applications.



Door Handing Explanation



The handing of a door is defined by which side the hinges are on when the hinge knuckle can be seen.

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Features

1. Convenient one-touch fingerprint access with emergency PIN code access, or in a pinch, manual key override access (LP805A)
2. Accurate fingerprint scanning; 99 fingerprint templates memory capacity as standard
3. Entrance by 10 pin-codes or more(new LP-805 D come with 99 as standard); 99 fingerprint templates memory capacity as standard
4. Entrance by remote, only LP-805 R(Data and remote not possible)
5. Entrance by key, only LP-805 A (Data and Key Override possible)
6. Data connection with lock, only LP-805 D (Standard colour only)
7. Available with double technology security system
8. Easy to operate key pad makes registration, deletion, and mode programming simple
9. Can also be special-ordered with an inside remote control, or audit track feature or Constant Openmode;
10. Can be set up into Constant Open (C/O) status which enables the lock to be opened just by turning the handle from outside without the need to verify fingerprints
11. Fitting various types of European standard mortise including the three-point mortise
12. Unique, attractive and durable finishes; various colours optional
13. Remarkable durability - biometric sensor is scratch resistant and virtually unbreakable
14. Six AA batteries support 5000 operations
15. Emergency Stand-by power supply (9V battery)
16. Malicious operation protection deactivates lock for five minutes after five wrong fingerprint scanning attempts (optional)
17. Adaptable for outside use under severe environmental conditions
18. Advanced biomechanical design provides a futuristic appearance
19. Low power alert - audible warning to replace batteries

SPECIFICATIONS

UNIT DIMENSIONS, OUTSIDE	L248 X W59 X D31MM
UNIT DIMENSIONS, INSIDE	L248 X W59 X D27MM
WARRANTY PERIOD	ONE YEAR
BATTERY	AA SIZE ALKALINE BATTERY X 6
EMERGENCY BATTERY	DC9V
DYNAMIC POWER CONSUMPTION	<350MA
STATIC POWER CONSUMPTION	<25UA
FINGERPRINT SCANNER	OPTICAL CMOS
FALSE ACCEPTANCE RATE(FAR)	<0.0001%
FALSE REJECTION RATE (FRR)	<0.01%
PROCESSING TIME	<0.75 SECOND
NUMBER OF USERS	99 FINGERPRINTS (RECOMMENDED 30)
WATERPROOF RATING	IP44
USERS/FINGERPRINTS	45/99
PIN-CODES	99
EMERGENCY ENTRANCE	EMERGENCY POWER 9V BATTERY AND/OR MANUAL KEY OVERRIDE
WORKING TEMPERATURE	-25°~50°
WORKING HUMIDITY	20 TO 80%
GROSS/NET	3,6/2,6 KG
APPROVALS	ISO/IEC 19794-4, ISO 9001 OG CE
PATENT	EP1803875, DK200500222, DR200600006 OGBR200500222
COLOUR, STANDARD	BRUSHED ALUMINIUM, STAINLESS STEEL/ANTIQUÉ GOLD



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Controller

AL/02 GSM Wireless Alarm "Lux" Package

Standard kit includes:

- 2 Room Sensors
- 2 Door / Window Alarms
- 1 Door / Window Alarm
- 1 Programming Unit for GSM
- 2 Smoke Detectors
- 1 Wireless Siren
- 2 Remote Controls For Arming / Disarming
- 5 Alarm Stickers For Doors & Windows



Outdoor IR Camera



IR Dome Camera



Smoke Alarm



Wireless Siren



Remote Controls for Arming / Disarming



Room Sensors



Door / Window Alarm