

# With INTRATONE, you can easily secure all kinds of access points

(Car parks, isolated doors, pedestrian gates, etc.)

## You choose the management mode

REAL-TIME and REMOTE MANAGEMENT USING GSM

READ/WRITE MANAGEMENT MODE

### How does it work?

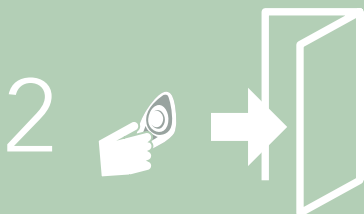


#### REAL-TIME AND REMOTE MANAGEMENT, WITH GSM

Programming is performed via the secure site  
[www.intratone.com](http://www.intratone.com).

Data is then sent directly to the facility's GSM/3G unit.

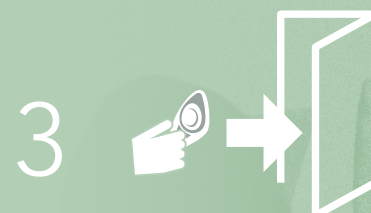
No more need to visit the site or even to have the  
badge or remote control in your possession.



#### READ/WRITE MANAGEMENT MODE

Management is performed via the secure site  
[www.intratone.com](http://www.intratone.com), using a programmer.



Updates are programmed in the badge  
or remote control (by encoding), which will send  
the information to the central unit, on site.





# Choose the right equipment!

Your receiver or RW central unit.

	RF RECEIVER			RW CENTRAL UNIT	
					
	Page 70	Page 68	Page 69	Page 72	Page 73
<b>MANAGEMENT MODE</b>					
RW / Real-time management	RW	Real-time	RW / Real-time	RW	RW
Number of access points	2	2	2	1	1
<b>FUNCTIONS</b>					
Anti-passback	yes	yes	no	no	no
Open access time slot	no	yes	RW: no Real-time: yes	yes	no
Log event	no	yes	RW: no Real-time: yes	2,000	no
Masterkey	yes	yes	yes	yes	yes
<b>CAPACITIES</b>					
Number of badges / remote controls / Mobile keys	2,500	7,000 / 10,000 <sup>(1)</sup>	RW: 2,500 Real-time : 7,000 / 10,000 <sup>(1)</sup>	2,500	1,000
Power supply	12 to 24 V DC-1 A 24 V AC 1 A	12 to 24 DC 2A or 12 to 24 DC 1A <sup>(2)</sup>	12 to 24 DC 2A or 12 to 24 DC 1 A <sup>(2)</sup>	12 to 24 V DC 1A	12 to 24 V AC/DC 1 A

<sup>(1)</sup> 7,000 with a 1-door central unit (03-0101-EN)  
10,000 in the complete Intrabox DATA pack  
(06-0120-EN or 06-0121-EN or 06-0122-EN)

<sup>(2)</sup> 12 to 24 DC 2 A with a 1-door central unit (03-0101-EN)  
12 to 24 DC 1 A in the complete Intrabox DATA pack  
(06-0120-EN or 06-0121-EN or 06-0122-EN)

# Even easier!

*With INTRABOX DATA,  
you can choose the easiest "all-inclusive",  
"Plug and play" solution for closing  
and managing an access point!*

## The principle

A "COMPLETE PACK" composed of:

- suitable equipment
- a tailored package based on the type of access point

Including remote, real-time management!

**NO COMMITMENT, NO SUBSCRIPTION**

## How does it work?

1

ORDER YOUR  
INTRABOX



2

FIT YOUR  
EQUIPMENT



3

IT WORKS  
IMMEDIATELY



## You also benefit from:

- **4 technical alarms** (with relay cards) in order to receive alerts in the event of malfunctions (ventilation system, pump, door stuck in open position, etc.)
- **Log event reporting**
- **MOBILE KEY function:** your mobile phone becomes a remote control, dial to open
- **SERVICE PROVIDER alert:** to monitor your suppliers' work on site

## The 5 advantages INTRABOX

1. Products can be fitted anywhere, with no wiring
2. Remote real-time management via [www.intratone.com](http://www.intratone.com)
3. No subscription - No commitment
4. Operational equipment immediately
5. Best price guaranteed



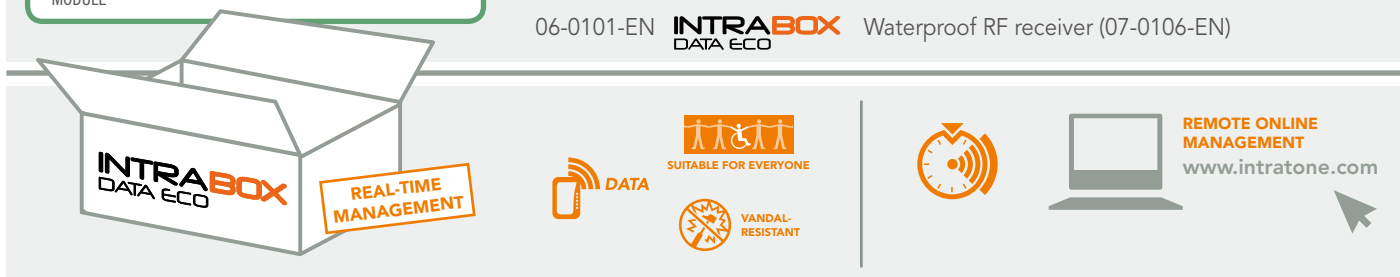
# RF RECEIVER

## 868 MHZ

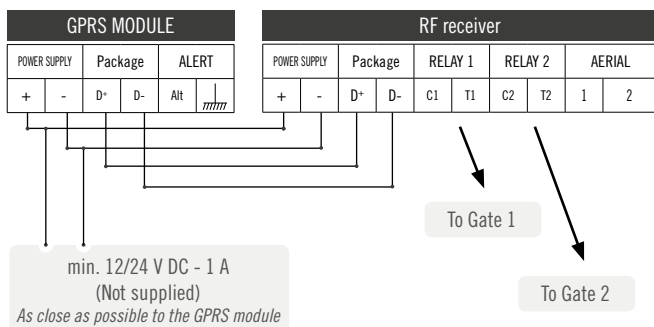


- For controlling a car park door
- For creating, modifying or cancelling remote controls without having to recover them
- No need for a programmer

06-0101-EN **INTRABOX** DATA ECO Waterproof RF receiver (07-0106-EN)



### SIMPLIFIED DIAGRAM



### TECHNICAL SPECIFICATIONS

#### POWER SUPPLY

min. 12/24 V DC - 1 A

#### CABLING

Receiver - GPRS unit,  
4 wires (2 twisted pairs)  
Ø 0.8 mm  
Max. distance: 200 m

#### SIZE (L X H X D)

Receiver: 90 x 129 x 37 mm  
GPRS unit 162 x 96 x 53 mm

#### ENVIRONMENT

Receiver operating temperature:  
-20°C to +70°C  
Receiver storage temperature  
-30°C to +80°C  
Receiver protection class IP67

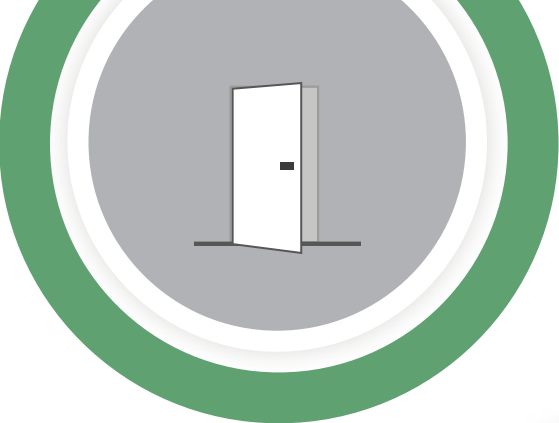
### CAPACITIES

Max. number of access points managed	2
Open access time slots	•
Log events	•
DIP Switch function (from 01/01/14)	•
Anti-passback	no
Vehicle detection	no
Rolling code	•
Technical alerts (emails)	•
Max. number of remote controls/mobile keys	10,000

### INSTALLATION

Outdoor fitting (thanks to its waterproof housing) •

PLEASE NOTE: No possibility to add any extra aerial.



# MIFARE PROXIMITY READER



✔ Create, change or cancel badges without having to recover them

✔ No need for a programmer

06-0131-EN **INTRABOX** DATA ECO proximity reader



SUITABLE FOR EVERYONE



VANDAL-RESISTANT



REMOTE ONLINE MANAGEMENT  
[www.intratone.com](http://www.intratone.com)

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

min. 12/24 V DC - 2 A

### CABLING

Relay card - Reader

4 wires (2 twisted pairs)

Ø 0.8 mm - Max. distance: 200 m

Relay card - GPRS unit,

4 wires (2 twisted pairs)

Ø 0.8 mm - Max. distance: 200 m

### SIZE (L X H X D)

Reader 32 x 42 x 18 mm

Relay card 74 x 59 x 18 mm

GPRS unit 162 x 96 x 53 mm

### ENVIRONMENT

Reader operating temperature

-20°C to +70°C

Reader storage temperature

-20°C to +70°C

Reader protection class IP50

## CAPACITIES

Free access time slots

•

Log events

•

Compatible with badges and remote controls equipped with MIFARE technology

•

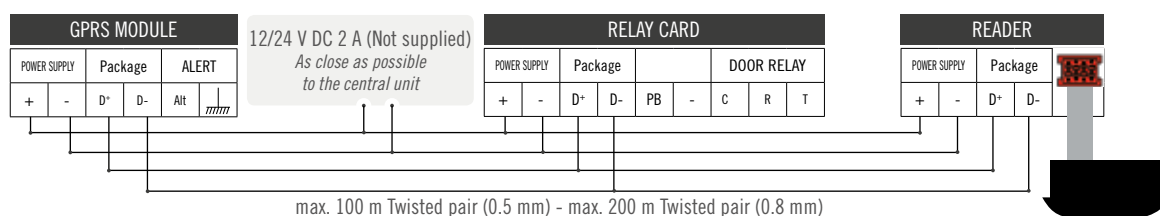
Max. number of remote controls/mobile keys/masterkeys

1,000

Technical alerts (emails)

•

## SIMPLIFIED DIAGRAM







# CODED KEYPAD

WITH PUSH BUTTON OR PROXIMITY READER



➤ To control an isolated door

➤ To create, change or cancel badges remotely

➤ No need for a programmer

**INTRABOX DATA ECO** 12-key backlit coded keypad + push button or proximity reader



REMOTE ONLINE  
MANAGEMENT  
[www.intratone.com](http://www.intratone.com)

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

min. 12/24 V DC - 2 A

### CABLING

Central unit - Keypad,  
4 wires (2 twisted pairs)  
Ø 0.8 mm

Max. distance: 200 m

Central unit - GPRS unit,  
4 wires (2 twisted pairs)  
Ø 0.8 mm

Max. distance: 200 m

### SIZE (L X H X D)

Keypad 120 x 190 x 25 mm

Central unit or Relay card

74 x 59 x 18 mm

GPRS unit: 162 x 96 x 53 mm

### ENVIRONMENT

Keypad operating temperature

-20°C to +70°C

Keypad storage temperature

-20°C to +70°C

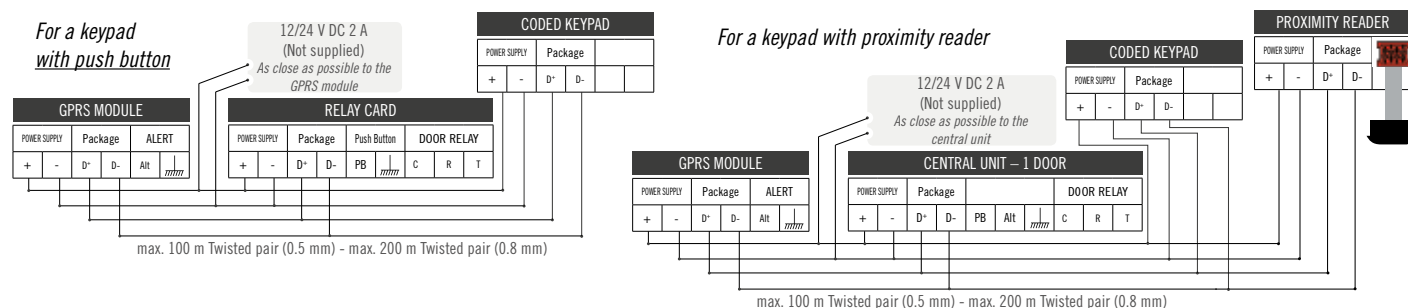
Keypad protection class IP55

Reader protection class IP50

### CAPACITIES

	Coded keypad + proximity reader	Coded keypad
Number of access points managed	1	1
Free access time slots	•	•
Log events	•	•
Compatible with badges and remote controls equipped with MIFARE technology	•	no
Technical alerts (emails)	•	•
Number of keypad codes	40	80
Max. number of badges/mobile keys/masterkeys	1,000	10,000

## SIMPLIFIED DIAGRAM



## RANGE

REFERENCES	OUR PRICES
06-0103-EN	INTRABOX ECO DATA CODED KEYPAD: 1 coded keypad with push button (04-0101-EN) + 1 relay card (12-0110-EN) + 1 GPRS module, including unlimited DATA updates for 10 years
06-0104-EN	INTRABOX ECO DATA CODED KEYPAD/PROXIMITY READER: 1 backlit 12-key coded keypad with proximity reader (04-0103-EN) + 1 central unit (03-0103-EN) + 1 GPRS module, including unlimited DATA updates for 10 years



# CODED KEYPAD HAUSSMANN



- ✔ To control the door of a building
- ✔ To create, change or cancel codes or badges remotely
- ✔ No need for a programmer

**INTRABOX DATA ECO** Haussmann coded keypad with proximity reader



REMOTE ONLINE  
MANAGEMENT  
[www.intratone.com](http://www.intratone.com)

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

min. 12/24 V DC - 2 A

### CABLING

Keypad - GPRS unit,  
4 wires (2 twisted pairs)  
Ø 0.8 mm  
Max. distance: 200 m

### SIZE (L X H X D)

Keypad 120 x 270 x 24 mm  
Central unit 74 x 59 x 18 mm  
GPRS unit: 162 x 96 x 53 mm

### ENVIRONMENT

Keypad operating temperature  
-20°C to +70°C  
Keypad storage temperature  
-30°C to +80°C  
Keypad protection class IP65

## CAPACITIES

Number of access points managed	1
Number of keypad codes	40
Free access time slots	•
Log events	•
Compatible with badges and remote controls equipped with MIFARE technology	•
Technical alerts (emails)	•
Max. number of remote controls/mobile keys/ passes	1,000

## FUNCTIONS

Access refused LED	•
Access authorised LED	•
CRT relays	•
Relay time delay	•
Push button inputs	•
Button for open-access timeslot	•

## RANGE

REFERENCES	OUR PRICES
06-0108-EN	INTRABOX ECO DATA HAUSSMANN - FLUSH-FIT - SILVER: 1 Haussmann coded keypad with a reader (04-0104-EN) + a 1-door central unit (03-0102-EN) + 1 GPRS module, including 10 years DATA updates
06-0109-EN	INTRABOX ECO DATA HAUSSMANN - FLUSH-FIT - GOLD: 1 Haussmann coded keypad with a reader (04-0104-EN) + a 1-door central unit (03-0102-EN) + 1 GPRS module, including 10 years DATA updates
06-0110-EN	INTRABOX ECO DATA HAUSSMANN - SURFACE-MOUNTED - SILVER: 1 Haussmann coded keypad with a reader (04-0104-EN) + a 1-door central unit (03-0102-EN) + 1 GPRS module, including 10 years DATA updates
06-0111-EN	INTRABOX ECO DATA HAUSSMANN - SURFACE-MOUNTED - GOLD: 1 Haussmann coded keypad with a reader (04-0104-EN) + a 1-door central unit (03-0102-EN) + 1 GPRS module, including 10 years DATA updates



# KEY SAFE WITH 1 CALL BUTTON



- Remote call-activated safe opening
- Real-time, remote key management
- Sets of keys identified by a MIFARE electronic keyring

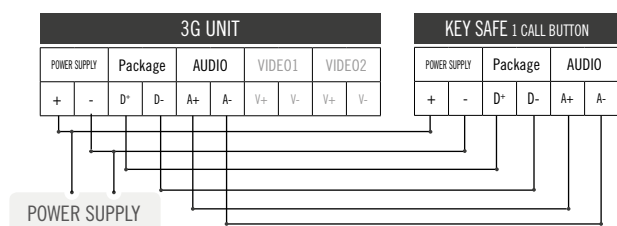
06-0126-EN **INTRABOX DATA ECO** Key safe, "Exclusive" version, 1 call button + MIFARE proximity reader - Stainless steel - Flush-fit



REMOTE ONLINE  
MANAGEMENT  
[www.intratone.com](http://www.intratone.com)

MIFARE electronic  
keyring

## SIMPLIFIED DIAGRAM



## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

12/24 V DC 2 A

### CABLING

To the 3G unit

4 wires (2 twisted pairs)

Ø 0.8 mm Max. distance: 200 m

### SIZE (L X H X D)

Intercom 180 x 386 x 48 mm

3G unit 183 x 90 x 72.5 mm

### ENVIRONMENT

Intercom operating temperature

-20°C to +60°C

Intercom storage temperature

-20°C to +70°C

Intercom protection class: IP55

## CAPACITIES

Compatible with badges and remote controls equipped with MIFARE technology	•
Max. number of badges, masterkeys and remote controls	500
Number of time slots	7
Timestamped events	•
Mobile key	no
Door opening (+ 1 relay card 12-0110-EN)	•

## OPENING MODES / KEY SAFE FUNCTIONS

During a call, by pressing a telephone key	•
On site, with an authorised badge or electronic door tag if registered for this key safe	•

## TRACEABILITY

Alert if door open for too long, equipped with MIFARE technology	•
Technical alert: Break-in	•
Technical alert: Set of keys X removed	•
Technical alert: Set of keys X returned	•
Event log on the management website	•
Management of both mechanical and electronic keys ( <a href="http://www.intratone.com">www.intratone.com</a> )	•





EASIER!

# COMMUNICATING KEY SAFE

10 YEARS

UNLIMITED UPDATES

1 KEY SAFE WITH PROXIMITY READER



1 GPRS MODULE



Easy follow-up

06-0106-EN **INTRABOX** DATA ECO Communicating key safe - Flush-fit

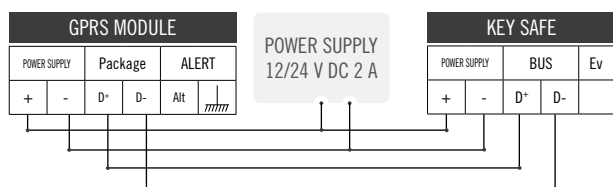


REAL-TIME MANAGEMENT



REMOTE ONLINE MANAGEMENT  
[www.intratone.com](http://www.intratone.com)

## SIMPLIFIED DIAGRAM



max. 100 m Twisted pair (5 mm)  
max. 200 m Twisted pair (0.8 mm)

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Key safe  
12/24 V DC 2 A min

### SIZE (L X H X D)

Key safe 150 x 220 x 48 mm  
GPRS unit: 162 x 96 x 53 mm

### CABLING

Key safe - GPRS unit or central unit  
2 wires (1 twisted pair)  
Ø 0.8 mm Max. distance: 200 m

### ENVIRONMENT

Key safe operating temperature  
-20°C to +70°C  
Key safe storage temperature  
-20°C to +70°C  
Safe protection class IP55

## CAPACITIES

Compatible with badges and remote controls equipped with MIFARE technology	•
Max. number of badges/masterkeys	10,000
Mobile key	no
Technical alerts (emails)	•

## TRACEABILITY

Alert if open for too long	•
Alarm/break-in (strikes against the safe)	•
Event log on the management website	•
Alert/set of keys X removed	•
Alert/set of keys X replaced	•
Management of both mechanical and electronic keys (organigramme.info)	•

"Exclusive" VERSION



# DATA COMMUNICATION MODULES

- ▼ *To receive immediate alerts in the event of a malfunction*
- ▼ *To upscale a device to real-time management*
- ▼ *To connect a notice board*



## TIP

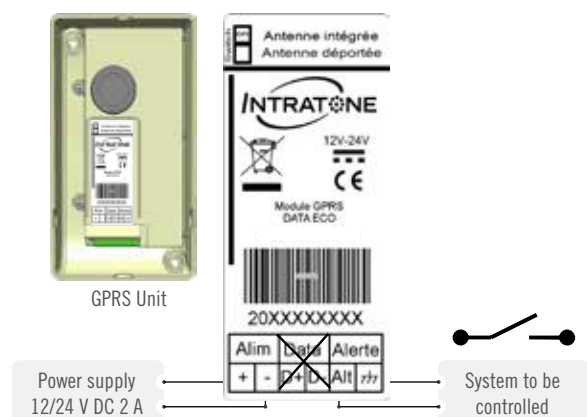
An email is sent in the event of a malfunction concerning: PUMP, VENTILATION SYSTEM, BOILER, DOOR STUCK IN OPEN POSITION



## TIP

Up to 3 additional alerts with the relay card (12-0110-EN)

## SIMPLIFIED DIAGRAM



## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

GPRS unit  
12/24 V DC 2 A min

### CABLING

GPRS unit - Voltage-free contact(s)  
2 wires (1 twisted pair)  
Ø 0.8 mm  
Max. distance: 200 m

### SIZE (L X H X D)

162 x 96 x 53 mm

### ENVIRONMENT

Operating temperature  
-20°C to +70°C  
Reader storage temperature:  
-20°C to +70°C  
Unit protection class IP55

1 GPRS MODULE

**10 YEARS**  
UNLIMITED UPDATES

06-0122-EN **INTRABOX**  
DATA ECO

GPRS DATA unit with unlimited updates for 10 years

DATA
 

REMOTE ONLINE MANAGEMENT  
[www.intratone.com](http://www.intratone.com)

**TIP**

Enables switch-over to real-time and remote management: RF RECEIVER (07-0106-EN) and PROXIMITY READER (04-0104-EN) + 1 RELAY CARD (12-0110-EN)

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

GPRS unit  
12/24 V DC 2 A min

### SIZE (L X H X D)

162 x 96 x 53 mm

### CABLING

GPRS unit - Voltage-free contact(s)  
2 wires (1 twisted pair)  
Ø 0.8 mm  
Max. distance: 200 m

### ENVIRONMENT

Operating temperature  
-20°C to +70°C  
Reader storage temperature:  
-20°C to +70°C  
Unit protection class IP55

1 GPRS MODULE

+

1 RF RECEIVER  
(Waterproof, integrated aerial, 2 relays)

OR

MANAGE UP TO 10,000 BADGES OR MOBILE KEYS!

1 GPRS MODULE

+

1 square proximity reader

+

1 RELAY CARD

A 3G DATA UNIT

**15 YEARS**  
UNLIMITED UPDATES

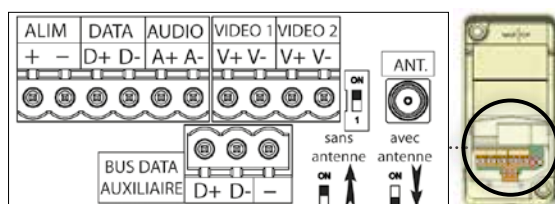
06-0112-EN **INTRABOX**  
DATA ECO

3G Data unit with unlimited updates, guaranteed for 15 years

DATA
 

REMOTE ONLINE MANAGEMENT  
[www.intratone.com](http://www.intratone.com)

## SIMPLIFIED DIAGRAM



## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

min. 12/24 V DC - 2 A  
24 V DC with the display panel

### SIZE (L X H X D)

183mm x 90mm x 72.5mm  
Unit protection class IP55

### CABLING

2 wires (1 twisted pair)  
Ø 0.8 mm  
Max. distance: 200 m

Change of network if necessary:  
3G => EDGE => GSM

**PRODUCT PLUS POINTS**

Modularity in the combination of access control peripherals and notice board



# INTEGRATED RF RECEIVER

- ✔ To manage car park access remotely and in Real-time
- ✔ To create, change or cancel remote controls without having to retrieve them
- ✔ No need for a programmer



1 GPRS DATA MODULE with integrated RF receiver

10 YEARS  
UNLIMITED UPDATES

06-0129-EN **INTRABOX**  
DATA MINI Eco GPRS module with integrated RF receiver  
+ 10 years of unlimited DATA updates

REAL-TIME MANAGEMENT

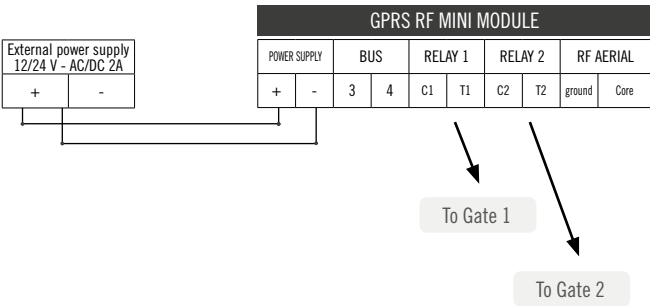
DATA

SUITABLE FOR EVERYONE

VANDAL-RESISTANT

REMOTE ONLINE MANAGEMENT  
[www.intratone.com](http://www.intratone.com)

## SIMPLIFIED DIAGRAM



## CAPACITIES

Number of access points managed	2
Open access time slots	•
Annual clock	•
Permanent rolling code	•
Max. number of remote controls/mobile keys	10,000

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

min. 12/24 V DC - 1 A

### CABLING

GPRS unit

4 wires (2 twisted pairs) - Ø 0.8 mm - Max. distance: 200 m

### SIZE (L X H X D)

GPRS unit: 162 x 96 x 53 mm



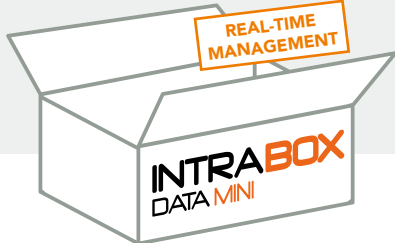
# RF RECEIVER BUILT-IN CODED KEYPAD

AVAILABLE  
SOON

- ✔ To manage car park access remotely and in real-time
- ✔ To create, change or cancel remote controls without having to retrieve them
- ✔ No need for a programmer

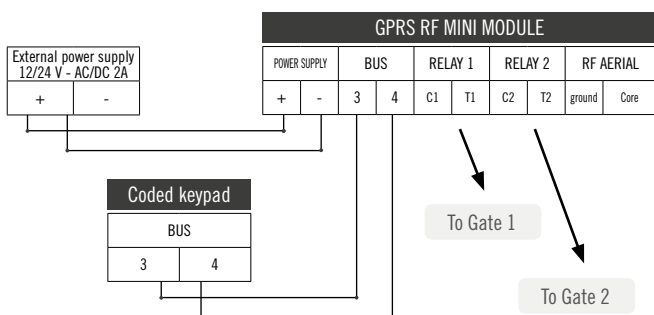


06-0130-EN **INTRABOX** DATA MINI GPRS Eco module with integrated RF receiver and 12-key coded keypad + 10 years of unlimited DATA updates



REMOTE ONLINE  
MANAGEMENT  
[www.intratone.com](http://www.intratone.com)

## SIMPLIFIED DIAGRAM



## CAPACITIES

Number of access points managed	2
Open access time slots	•
Annual clock	•
Permanent rolling code	•
Max. number of remote controls/mobile keys	10,000
Max. number of codes	80

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

min. 12/24 V DC - 1 A

### CABLING

GPRS unit - Coded keypad  
4 wires (2 twisted pairs)  
Ø 0.8 mm  
Max. distance: 200 m

### SIZE (L X H X D)

GPRS unit 162 x 96 x 53 mm  
Keypad 85 x 137 x 16 mm

### ENVIRONMENT

Operating temperature  
-20°C to +70°C  
Storage temperature  
-30°C to +80°C  
Receiver protection class IP67



# RF RECEIVERS

## REAL-TIME

- ✔ To control a garage door or a car park gate
- ✔ To create, change or delete data without having to go-on the site or having the remote control at hand



07-0101-EN RF receiver with remote aerial  
(option of adding a 2<sup>nd</sup> one) - Installation in an electrical distribution board



REMOTE ONLINE MANAGEMENT  
[www.intratone.com](http://www.intratone.com)



(for an additional aerial,  
see page 85)



### TIP

Remotely position a 2<sup>nd</sup> RF  
aerial (12-0112-EN)

### MANAGEMENT MODE

- Real-time (GSM)
- 868 MHz

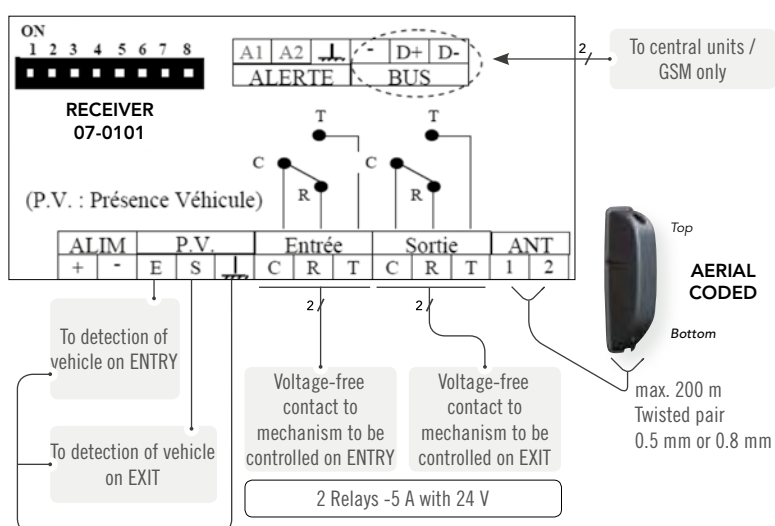
### INSTALLATION / FITTING

- In an electrical distribution board (DIN rail)

### FUNCTIONS

- 2-door management
- Log events
- Anti-passback\*
- Vehicle presence
- Rolling code\*\*
- Masterkey
- Mobile key
- Alerts
- Option of 2 aerials

## SIMPLIFIED DIAGRAM



## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Receiver  
Powered by the central unit or the GPRS / 3G unit  
Power supply 12/24 V DC 1 A  
15/24 V AC 1 A

### CABLING

Central unit - Receiver  
4 wires - Ø 0.5 mm - Max. distance: 100 m  
4 wires - Ø 0.8 mm - Max. distance: 200 m

### SIZE (L X H X D)

Receiver with closed box 110 x 116 x 33 mm

### ENVIRONMENT

Operating temperature -20°C to +70°C  
Storage temperature -20°C to +70°C  
Protection class IP20





07-0106-EN RF Receiver Eco with integrated aerial, 2 relays, waterproof for outdoor fitting. Real-time or read/write management.



REMOTE ONLINE MANAGEMENT  
[www.intratone.com](http://www.intratone.com)



#### MANAGEMENT MODE

- Real-time (GSM)
- 868 MHz

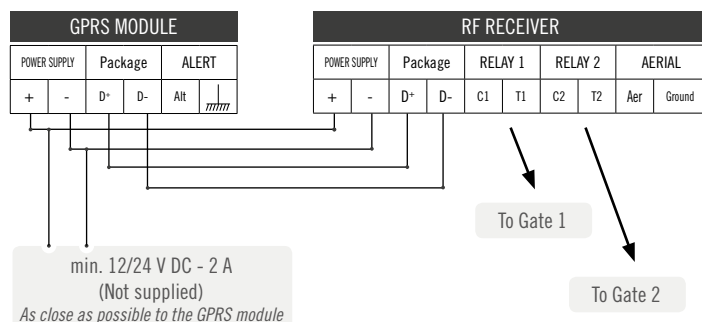
#### INSTALLATION / FITTING

- Fitting in a waterproof box

#### FUNCTIONS

Number of access points managed	2
Dip Switch function	•
Free access time slots	•
Log events	•
Anti-passback*	no
Vehicle presence	no
Rolling code**	•
Masterkey / Mobile key	•
Alerts	•
Aerial can be remotely positioned	•
Option of 2 aerials	no

## SIMPLIFIED DIAGRAM



## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Receiver

Powered by the central unit or the GPRS / 3G unit  
Power supply 12/24 V AC/DC 1 A

### CABLING

Central unit - Receiver

4 wires - Ø 0.5 mm - Max. distance: 100 m  
4 wires - Ø 0.8 mm - Max. distance: 200 m

### SIZE (L X H X D)

Receiver with closed box 90 x 129 x 37 mm

### ENVIRONMENT

Operating temperature -20°C to +70°C

Storage temperature -20°C to +70°C

Protection class IP67

\* The ANTI-PASSBACK function prohibits a user from accessing a car-park again if they have not already left it. This prevents several vehicles entering the car park using the same remote control. This function must be used with vehicle detection.

\*\* The ROLLING CODE function prevents intrusion by copying or reproducing the electronic signature of the radio-frequency remote control.

## RF RECEIVERS RANGE

REFERENCES	REAL-TIME MANAGEMENT	OUR PRICES
07-0101-EN	With remote aerial (option of adding a 2 <sup>nd</sup> one). Fitting in an electrical distribution board.	
07-0106-EN	With integrated aerial, 2 relays, waterproof outdoor fitting. Real-time or read/write management.	
<b>INTRABOX DATA ECO</b> COMPLETE PACKS FOR MANAGING 1 ACCESS POINT IN REAL-TIME AND REMOTELY, WITHOUT SUBSCRIPTION Includes 1 GPRS module and 10 years of unlimited DATA updates		
06-0101-EN	Waterproof RF receiver (07-0106-EN)	
<b>ACCESSORIES</b>		
12-0112-EN	Active RF coded aerial (for 07-0101-EN & 07-0103-EN)	
12-0113-EN	Remote RF aerial (for 07-0106-EN & 06-0130-EN)	



# RF RECEIVERS

## READ/WRITE

- To control a garage door or a car park gate
- Ideal for isolated or underground access points
- No network connection



07-0103-EN **RF receiver with coded aerial** (option of adding a 2<sup>nd</sup> one) - Installation in an electrical distribution board.



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(for an additional aerial,  
see page 85)



### TIP

Remotely position a 2<sup>nd</sup> RF  
aerial (12-0112-EN)

Consider using the  
programmer (12-0115-EN)

### MANAGEMENT MODE

Read/Write	•
868 MHz	•

### INSTALLATION / FITTING

In an electrical distribution board (DIN rail)	•
--	---

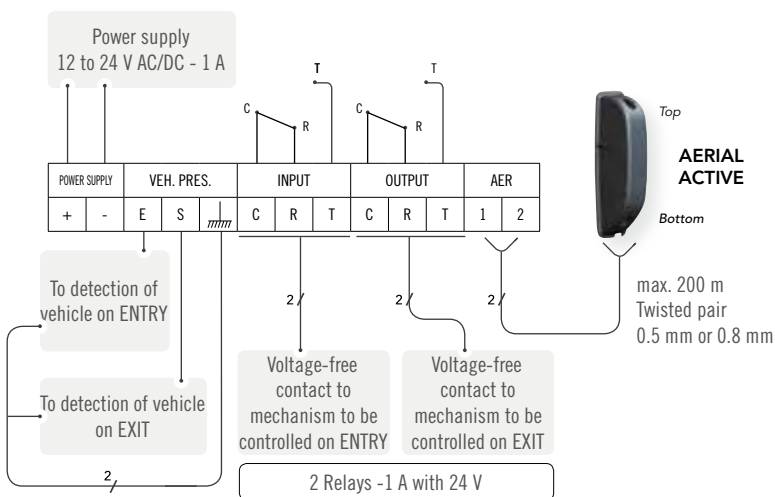
### FUNCTIONS

2-door management	•
Vehicle presence	•
Anti-passback*	•
Rolling code**	•
Masterkey	•
Option of 2 aerials	•

### CAPACITY

Max. number of remote controls	2,500
Number of vehicle presence detector inputs	2

## SIMPLIFIED DIAGRAM



## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Central unit **12 to 24V AC/DC 1A**

### CABLING

Central unit - Active aerial  
**2 wires - Ø 0.5 mm**  
**Max. distance: 200 m**

### SIZE (L X H X D)

Active aerial central unit mounted on wall  
**110 x 116 x 33 mm**  
Active aerial central unit fitted in electrical distribution  
board **105 x 106 x 29 mm**  
Active aerial **46 x 180 x 68 mm**

### ENVIRONMENT

Operating temperature **-20°C to +70°C**  
Storage temperature **-20°C to +70°C**  
Protection class **IP20**



07-0105-EN RF receiver, Special "Individual car park access", integrated aerial, 1 relay.  
Indoor fitting.



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## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

12/24V 100 mA AC / DC

### SIZE (L X H X D)

58 mm x 74 mm x 18 mm

### ENVIRONMENT

Operating temperature -20°C to +70°C

Storage temperature -20°C to +70°C

Protection class IP20

### MANAGEMENT MODE

By learning	•
868 MHz	•

### INSTALLATION / FITTING

Indoor fitting	•
----------------	---

### FUNCTIONS

Number of access points managed	1
Dip Switch function	no
Max. number of remote controls	10
Rolling code**	•
Option of 2 aerials	no

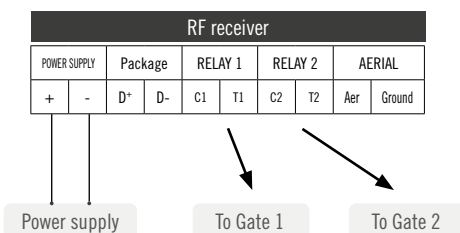


07-0106-EN RF receiver ECO with integrated aerial, 2 relays,  
waterproof for outdoor fitting. Real-time or read/write management.



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## SIMPLIFIED DIAGRAM



### MANAGEMENT MODE

Read/Write	•
868 MHz	•

### INSTALLATION / FITTING

Outdoor fitting	•
-----------------	---

### FUNCTIONS

Number of access points managed	2
Max. number of remote controls	2,500
Dip Switch function	•
Free access time slots	no
Log events	no
Anti-passback* / Vehicle presence	no
Rolling code**	•
Masterkey	•
Mobile key	no
Alert	no
Option of 2 aerials	no
Aerial can be remotely positioned	•

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Receiver

Powered by the central unit - Power supply 12/24 V AC/DC 1 A

### CABLING

Central unit - Receiver

4 wires - Ø 0.5 mm - Max. distance: 100 m

4 wires - Ø 0.8 mm - Max. distance: 200 m

### SIZE (L X H X D)

Receiver with closed box 90 x 129 x 37 mm

### ENVIRONMENT

Operating temperature -20°C to +70°C

Storage temperature -20°C to +70°C

Protection class IP67

\* The ANTI-PASSBACK function prohibits a user from accessing a car-park again if they have not already left it. This prevents several vehicles entering the car park using a single remote control. This function must be used with vehicle detection.

\*\* The ROLLING CODE function prevents intrusion by copying or reproducing the electronic signature of the radio-frequency remote control.



# 1-DOOR CENTRAL UNITS READ/WRITE

✔ To control an isolated door

✔ Cost-effective

✔ Ideal for secondary doors



03-0103-EN 1-door central unit



VANDAL-RESISTANT



SUITABLE FOR EVERYONE



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## TIP

Removable memory / backup  
to download from USB key programmer

## MANAGEMENT MODE

Read/Write	•
1 door	•

## FUNCTIONS

Compatible with competing MIFARE badges	no
Masterkey	•
Open access time slot	•
Log event*	2,000

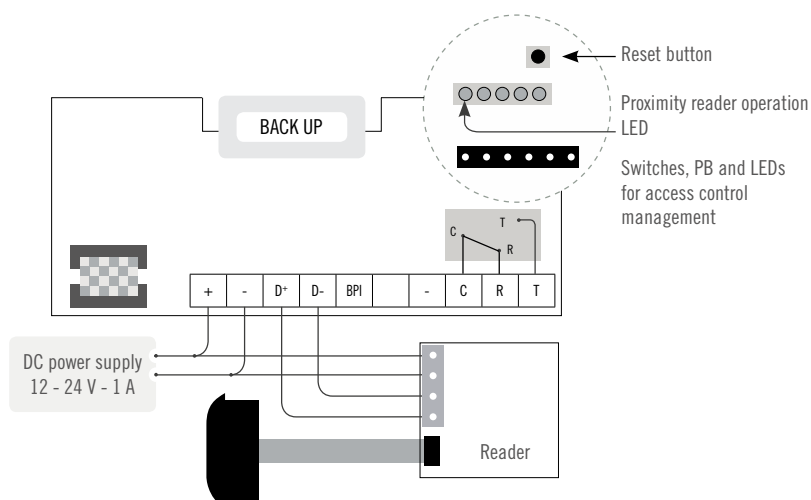
## CAPACITIES

Max. number of badges / remote controls	2,500
---	-------

*This central unit supports INTRATONE badges  
and remote controls only*

*\* with the portable terminal (12-0111-EN)*

## TECHNICAL DIAGRAM



## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Central unit **10 to 24V DC 1A**

### CABLING

Central unit - Reader  
**4 wires - Ø 0.5 mm - 100 m**  
**4 wires - Ø 0.8 mm - 200 m**

### SIZE (L X H X D)

Reader **38 x 42 x 17.5 mm**  
Read head **41 x 72 x 17.5 mm**  
Central unit with closed box **74 x 59 x 18 mm**

### ENVIRONMENT

Operating temperature **-20°C to +70°C**  
Storage temperature **-20°C to +70°C**  
Central unit protection class **IP40**  
Reader protection class **IP50**  
Read head protection class **IP68**



03-0104-EN Light central unit 1 door



VANDAL-RESISTANT



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#### MANAGEMENT MODE

Read/Write	•
1 door	•

#### FUNCTIONS

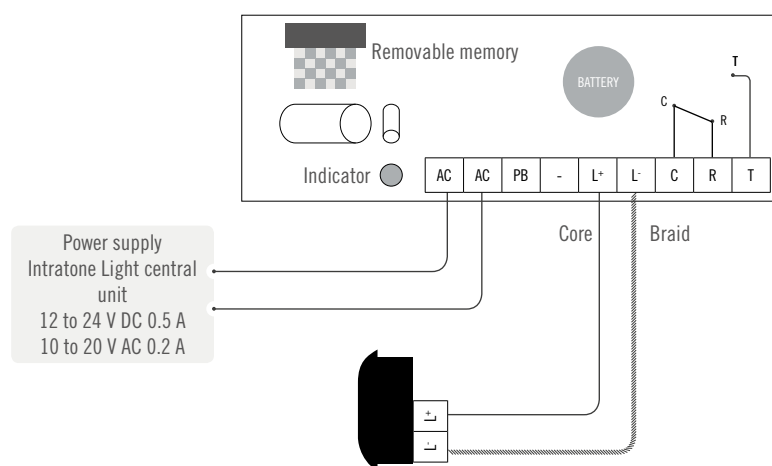
Compatible with competing MIFARE badges	no
Masterkey	•
Open access time slot	no
Log event	no

#### CAPACITIES

Max. number of badges / remote controls	1,000
---	-------

*This central unit supports INTRATONE badges and remote controls only*

## TECHNICAL DIAGRAM



## TECHNICAL SPECIFICATIONS

#### POWER SUPPLY

INTRATONE Light central unit  
12 to 24 V DC 0.5A  
12 to 15 V AC (2 V A min.)

#### CABLING

INTRATONE Light central unit  
Read head 1 coaxial wire - 50 ohms - 10 m max  
Door push button Ø 0.8 mm twisted - 2 m max

#### SIZE (L X H X D)

Read head Ø 40 x 7 mm  
Central unit with closed box 74 x 59 x 18 mm

#### ENVIRONMENT

Operating temperature -20°C to +70°C  
Storage temperature -20°C to +70°C  
Central unit protection class IP40  
Read head protection class IP68

## CENTRAL UNITS RANGE

REFERENCES	READ-WRITE (RW) MANAGEMENT	OUR PRICES
03-0103-EN	1 door	
03-0104-EN	Light, 1 door	
ACCESSORIES - BOXES FOR FLUSH FITTING		
12-0101	For proximity reader, stainless steel finish	
12-0121	For proximity reader, brass finish	
ACCESSORIES - BOXES FOR SURFACE MOUNTING - STAINLESS-STEEL FINISH		
12-0107	For proximity reader (front panel included)	



# HAUSSMANN coded keypad Real-time or stand-alone

- ✔ To control 1 to 2 building doors
- ✔ Very cost-effective solution, easy to fit
- ✔ Change codes / badges without having to visit the site



**Haussmann coded keypad** 12 backlit keys + push button - 2 relays, with or without Light central unit and reader - Outdoor or indoor fitting



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## SIMPLIFIED DIAGRAM



ALIM	Porte 1	BP	H	BP	Porte 2	BUS
+	C	T	R	T	C	R
-						D

Only with  
real-time  
connexion

### PRODUCT PLUS POINTS

Supplied with a universal  
assembly kit for  
replacement of an old  
keypad.

Eco-friendly keypad  
to minimise electricity  
consumption.

### MANAGEMENT MODE

Real-time (with a central GPRS module)

Read/Write

### MANAGEMENT (depending on central unit)

Number of keypad codes

depending on  
central unit

Max. number of badges / Mobile keys

depending on  
central unit

### FUNCTIONS

Access refused LED

red

Access authorised LED

green

CRT Relay

2

Relay time delay

0.2 to 99 sec.

Push button inputs

2

Button for open-access timeslot

1

Keypad

40

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Central unit 12 to 24 V AC/DC 1 A

### CABLING

Central unit - Keypad

4 wires (2 twisted pairs) - Ø 0.8 mm - 100 m

Central unit - GPRS

4 wires (2 twisted pairs) - Ø 0.8 mm - 100 m

### SIZE (L X H X D)

Front 120 x 270 x 24 mm

### ENVIRONMENT

Operating temperature -20°C to +60°C

Keypad protection class IP65

## HAUSSMANN KEYPADS RANGE

REFERENCES	12-KEY BACKLIT KEYPADS + PUSH BUTTON - 2 RELAYS DRILL HOLES FOR LOCK + ALUMINIUM BUTTON	PRICES
10-0101-EN	Surface-mounted - Silver finish	
10-0102-EN	Surface-mounted - Gold finish	
10-0103-EN	Flush-fit - Silver finish	
10-0104-EN	Flush-fit - Gold finish	
	12-KEY BACKLIT KEYPADS + 2 RELAY PUSH BUTTON, WITH 1 LIGHT CENTRAL UNIT AND READER	
10-0105-EN	Surface-mounted - Silver finish	
10-0106-EN	Surface-mounted - Gold finish	
10-0107-EN	Flush-fit - Silver finish	
10-0108-EN	Flush-fit - Gold finish	
	<b>INTRABOX DATA ECO</b> HAUSSMANN CODED KEYPAD WITH A READER (04-0104-EN) AND A 1-DOOR CENTRAL UNIT (03-0102-EN) + 1 GPRS module with unlimited updates + SMS for 10 years	
06-0108-EN	Flush-fit - Silver finish	
06-0109-EN	Flush-fit - Gold finish	
06-0110-EN	Surface-mounted - Silver finish	
06-0111-EN	Surface-mounted - Gold finish	





# CODED KEYPAD

## Real-time

- To control an isolated door
- To combine with flush panels
- To change codes, manage badges without having to go on the site



12-key backlit coded keypad + push button, with or without proximity reader

 DATA

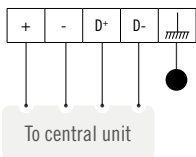
 SUITABLE FOR EVERYONE

 VANDAL-RESISTANT

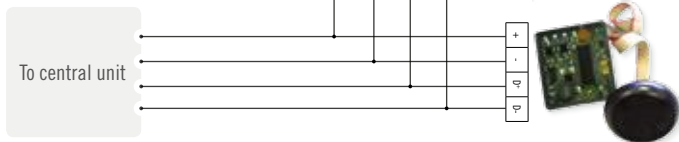
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### SIMPLIFIED DIAGRAM

Coded keypad  
04-0101-EN



Coded keypad  
with proximity reader  
04-0103-EN



#### MANAGEMENT MODE

Real-time (with a GSM module) •

#### MANAGEMENT

1-door management (with central unit 03-0102-EN) •

#### FUNCTIONS (depending on central unit, pages 72 and 73)

Free access time slots	•
Log events	•
Masterkey	•
Mobile key	•
Alerts	•
Keypad	40

#### KEYPAD WITH PROXIMITY READER (04-0103-EN)

Max. number of badges /mobile keys  
(depending on central unit) 1,000 / 7,000

### TECHNICAL SPECIFICATIONS

#### POWER SUPPLY

Coded keypad via central unit **12 to 24V DC**

#### CABLING

Central unit - Coded keypad  
**4 wires (2 twisted pairs) - Ø 0.8 mm - 200 m**

#### SIZE (L X H X D)

Coded keypad **120 x 190 x 25 mm**  
Built-in wall box **91 x 160 x 37 mm**  
Read head **Ø 40 x 7 mm**

#### ENVIRONMENT

Operating temperature **-20°C to +70°C**  
Storage temperature **-20°C to +70°C**  
Keypad protection class **IP55**

### KEYPADS RANGE

REFERENCES	12-KEY BACKLIT KEYPADS	PRICES
04-0101-EN	With push button, stainless steel finish	
04-0102-EN	With push button, brass finish	
04-0103-EN	With proximity reader, stainless steel finish	
<b>INTRABOX DATA ECO</b> COMPLETE PACKS FOR MANAGING 1 ACCESS POINT IN REAL-TIME AND REMOTELY, WITHOUT SUBSCRIPTION <small>Includes 1 GPRS unit and 10 years of unlimited DATA updates</small>		
06-0103-EN	INTRABOX ECO DATA CODED KEYPAD: 1 coded keypad with push button (04-0101-EN) + 1 relay card (12-0110-EN) + 1 GPRS module, including unlimited DATA updates for 10 years	
06-0104-EN	INTRABOX ECO DATA CODED KEYPAD/PROXIMITY READER: 1 backlit 12-key coded keypad with proximity reader (04-0103-EN) + 1 central unit (03-0103-EN) + 1 GPRS module, including unlimited DATA updates for 10 years	
<b>ACCESSORIES - BOXES FOR SURFACE MOUNTING - STAINLESS-STEEL FINISH</b>		
12-0103	Surface-mounted box for coded keypa (04-0101-EN)	



# SQUARE PROXIMITY READER V2

▼ *Ideal replacement for mechanical lock cylinder*



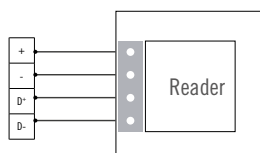
04-0106-EN **Square proximity reader V2** (MIFARE - technology 13,56 MHz) - Waterproof panel mount reader V2 with lexan screen and Intratone labels.



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## SIMPLIFIED DIAGRAM



## WITH CENTRAL UNIT

1 DOOR  
(03-0102-EN)

2 DOORS  
(03-0101-EN)

### FUNCTIONS

Compatible with competing MIFARE badges and remote controls

•

•

Open access slot

•

•

Time-stamped events

•

•

Alerts

•

•

### CAPACITIES

Max. number of mobile key badges/masterkeys

1.000

7.000

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Reader, via the central unit **12 to 24 V DC**

### CABLING

Central unit - Reader

**4 wires - Ø 0.5 mm - 100 m**

**4 wires - Ø 0.8 mm - 200 m**

### SIZE (L X H X D)

Reader (bare) **62 x 62 x 23 mm**

Read head (with cover) **64.5 x 62 x 23 mm**

Read head (only) **Ø 40 x 40 mm**

### ENVIRONMENT

Operating temperature **-20°C to + 70°C**

Storage temperature **-20°C to + 70°C**

Protection class

Reader **IP50**

Read head **IP68**

## SQUARE PROXIMITY READER RANGE

REFERENCES	SQUARE PROXIMITY READER	PRICES
04-0106-EN	Square proximity reader V2	
<b>INTRABOX DATA ECO</b> COMPLETE PACKS FOR MANAGING 1 ACCESS POINT IN REAL-TIME AND REMOTELY, WITHOUT SUBSCRIPTION <small>Includes 1 GPRS unit and 10 years of unlimited DATA updates</small>		
06-0128-EN	1 square proximity reader (04-0106-EN) - 1 door central unit, 1000 badges maximum	
06-0131-EN	1 square proximity reader (04-0106-EN) - 1 relay card - 1000 badges maximum	
<b>ACCESSORIES - BOXES FOR SURFACE MOUNTING - STAINLESS-STEEL FINISH</b>		
12-0132	Surface-mounted stainless steel box for panel mount reader V1 & V2	
12-0135	Flush-fit stainless steel box for panel mount reader V1 & V2	
<b>ACCESSORIES - LEXAN WINDOWS</b>		
12-0129-EN	Lexan window (blank) for square proximity reader V2	
12-0139	Lexan window with personalized logo for square proximity reader V2	



# STAND-ALONE HANDLE

- ✔ *Solution requiring no cabling for secondary doors*
- ✔ *Long battery life*



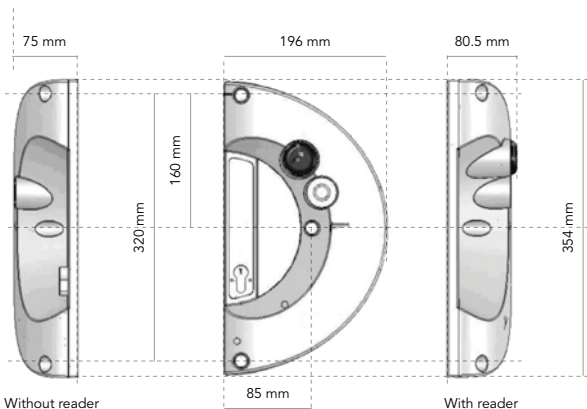
Stand-alone handle 1 or 2 badge readers - Right or left opening



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## BASIC DIAGRAMS



## MANAGEMENT MODE

Read/Write	•
1 door	•

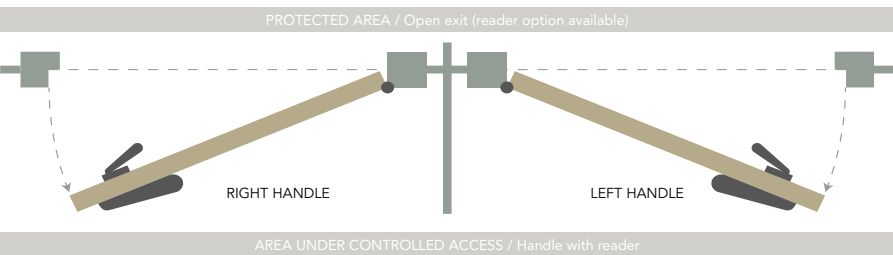
## FUNCTIONS

Power supply	3 LR20 batteries supplied
Battery life (number of procedures)	140,000
Competing MIFARE compatible badges and remote controls	no
Free access time slots	•
Log events	2,000

## CAPACITIES

Number of badges / remote controls / Masterkeys	2,500
---	-------

*Only with Intratone badges and remote controls*



## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Supplied with 3 LR20 alkaline batteries

### SIZE (L X H X D)

Handle with reader 196 x 354 x 80.5 mm  
Handle without reader 196 x 354 x 75 mm  
Net weight 5.3 kg

### ENVIRONMENT

Operating temperature 0°C to +50°C  
Storage temperature -20°C to +70°C  
For outdoor fitting, please contact us.

## STAND-ALONE HANDLES RANGE

REFERENCES	RIGHT OPENING	PRICES
13-0101-EN	1 badge reader	
13-0102-EN	2 badge readers	
LEFT OPENING		
13-0103-EN	1 badge reader	
13-0104-EN	2 badge readers	
ACCESSORIES		
12-0116	Back plate, no barrel	



# CENTRAL UNIT

## 2 doors

✔ Controls 1 to 4 doors, up to 1,000 homes

✔ Up to 30 central units connected via 1 bus



03-0101-EN: Central unit for 4 doors and/or 1,000 names



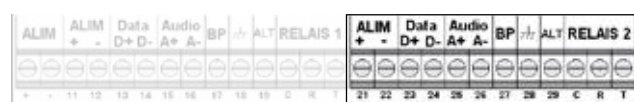
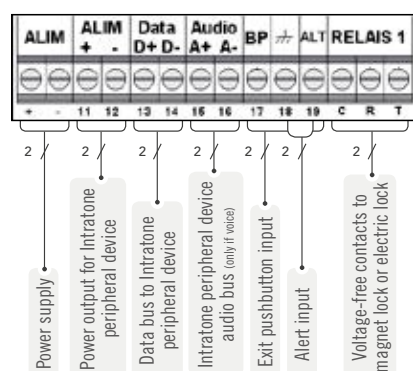
REMOTE ONLINE  
MANAGEMENT  
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### TIP

Use the extension card to expand from 2 to 4 doors. 12-0109-EN (page 80)

## SIMPLIFIED DIAGRAM



The same for for a 2<sup>nd</sup> device

### MAX. NUMBER OF ACCESS POINTS MANAGED

2 doors

Optional extension card (12-0109-EN)

2 additional  
doors

Max. number of intercoms per central unit

3

Number of relays

2 (+2 with 3  
12-0109-EN)

### CONNECTION

3G unit / 3G-IP Intratone (mobile networks)

•

Networking of central units

30

### MANAGEMENT

In Real-time and remotely  
([www.intratone.com](http://www.intratone.com))

•

Max. number of names displayed

1,000

Max. number of badges/remote controls/  
mobile keys

7,000

Max. number of keypad codes

40

Max. number of telephone codes

10

### FUNCTIONS

Open access time slots

•

Annual clock

•

Log events

•

Auto-diagnostics

•

Alarms

2 (+2 with 3  
12-0109-EN)

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Central unit  
12/24 V DC  
1 to 2 A

### CABLING

Central unit - Intercom  
**6 wires (3 twisted pairs)**  
Ø 8 mm  
Max. distance: 200 m  
Central unit - 3G unit  
**6 wires (3 twisted pairs)**  
Ø 8 mm  
Max. distance: 100 m

Central unit - Reader  
or RF receiver or coded  
keypad  
**4 wires (2 twisted pairs)**  
Ø 8 mm  
Max. distance: 200 m

### SIZE (L X H X D)

160 x 235 x 70 mm

### ENVIRONMENT

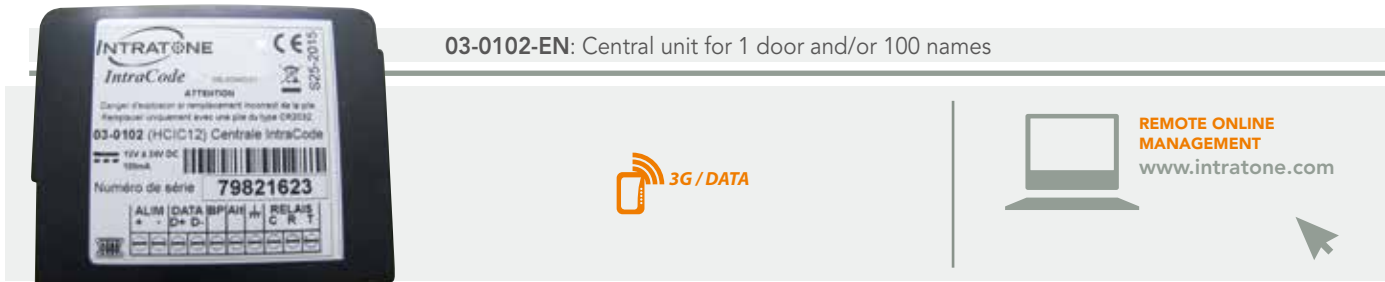
Central unit operating  
temperature  
**-20°C to +50°C**  
Central unit storage  
temperature  
**-20°C to +70°C**  
protection class  
**IP40**



# CENTRAL UNIT

## 1 DOOR

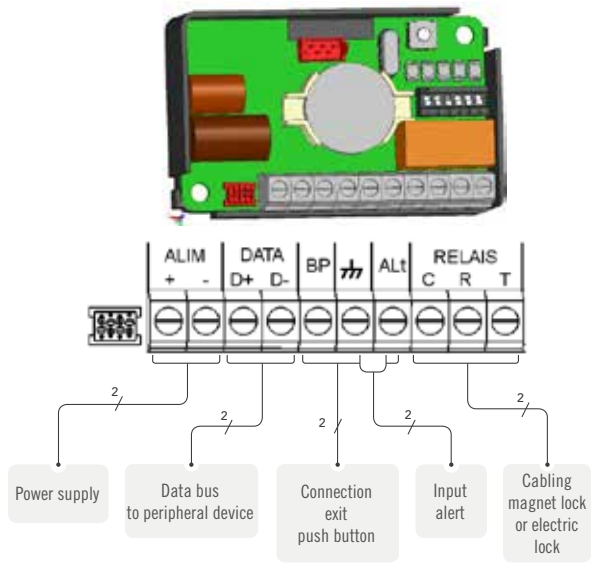
- Cost-effective
- Only on mobile networks



**TIP**

Control up to 3 additional relays with the relay card. 12-0110-EN (page 80)

### SIMPLIFIED DIAGRAM



MAX. NUMBER OF ACCESS POINTS MANAGED	1 door
Optional extension card	no
Max. number of intercoms per central unit	1
Number of relays	1
Number of additional relays (12-0110-EN)	3
CONNECTION	
3G unit / 3G-IP Intratone (mobile networks)	•
Networking	no
MANAGEMENT	
In Real-time and remotely (www.intratone.com)	•
Max. number of names displayed	100
Max. number of badges/remote controls/mobile keys	1,000
Max. number of keypad codes	40
Max. number of telephone codes	10
FUNCTIONS	
Open access time slots	•
Annual clock	•
Log events	•
Auto-diagnostics	•
Alarm(s)	1 (+3 with 3 12-0110-EN)

### TECHNICAL SPECIFICATIONS

POWER SUPPLY	CABLING	SIZE (L X H X D)	ENVIRONMENT
Central unit 12/24 V DC 1 to 2 A	Central unit - Intercom 4 wires (2 twisted pairs) Ø 8 mm Max. distance: 200 m Central unit - 3G unit 4 wires (2 twisted pairs) Ø 8 mm Max. distance: 100 m	Central unit - Reader or RF receiver or coded keypad 4 wires (2 twisted pairs) Ø 8 mm Max. distance: 200 m	Central unit operating temperature -20°C to +50°C Central unit storage temperature -20°C to +70°C protection class IP40





# ACCESSORIES

## RELAY CARD

- ❖ Opens up to 3 additional relays from the 1-door central unit
- ❖ To control several doors without requiring lots of equipment
- ❖ 1 additional alarm input



12-0110-EN: Relay card for the 1-door central unit (03-0102-EN)



### TECHNICAL SPECIFICATIONS

#### POWER SUPPLY

12 to 24 V DC / 50 mA

#### CABLING

4 wires (2 twisted pairs)  
Ø 0.8 mm - Max. distance: 300 m

#### SIZE (L X H X D)

74 mm x 59 mm x 18 mm

#### ENVIRONMENT

Protection class IP40

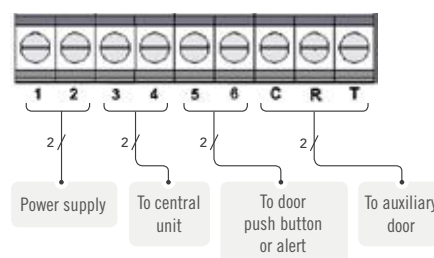
#### TIME DELAY

from 0 to 60 sec. (approx.)

#### OPENING DELAY

from 0.2 to 60 sec. (approx.)  
+ 1 alert (GSM only)

### SIMPLIFIED DIAGRAM



## EXTENSION CARD

- ❖ Addition of equipment to the 2-door central unit
- ❖ Enables expansion from 2 to 4 relays, peripheral devices and alarms



12-0109-EN: Extension card for the 2-door central unit (03-0101-EN)

### TECHNICAL SPECIFICATIONS

#### POWER SUPPLY

Via the central unit 03-0101-EN

#### SIZE (L X H X D)

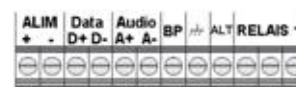
135 x 45 x 20 mm

#### OPENING DELAY

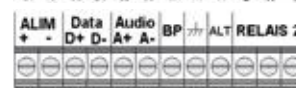
From 1 to 99 secs. (approx.)  
+ 2 alerts

### SIMPLIFIED DIAGRAM

Access point 3



Access point 4





# PORTABLE PROGRAMMING TERMINAL



- ❏ Configuration of central units managed in read/write and with stand-alone handles
- ❏ Connection by simple contact with the reader

12-0111-EN Portable programming terminal

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Supplied with  
**6 LR6 alkaline batteries**

### SIZE (L X H X D)

**110 x 140 x 42 mm**

### ENVIRONMENT

Operating temperature  
**0°C to +50°C**

Storage temperature  
**-20°C to +70°C**

Keypad protection class **IP22**

### CAPACITIES

Max. number of events displayed Last 400

### FUNCTIONS

Communication by proximity reader •

Communication by serial wired connection •

### PROPERTIES

Back-lit display •

Alphanumeric keypad •

Smart-card reader •

# STAND-ALONE DIP SWITCH PROGRAMMER



- ❏ Remotely add a remote control
- ❏ Operates with batteries

12-0122-EN Dip Switch stand-alone programmer

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

Supplied with **1 CR2032 battery**

### SIZE (L X H X D)

**70 mm x 83 mm x 15 mm**

### ENVIRONMENT

Operating temperature  
**0°C to +50°C**

Storage temperature  
**-20°C to +70°C**

Keypad protection class **IP22**

### CAPACITIES

Max. number of codes 1,022

### PROPERTIES

Programming for installation of remote control •

No dismantling of remote control •



# ACCESSORIES

## USB PORT PROGRAMMER

- ▼ To programm all INTRATONE badges and remote controls on TAG or RF
- ▼ Compatible with Windows and Mac OS



12-0115-EN Programmer - USB port



REMOTE ONLINE  
MANAGEMENT  
[www.intratone.com](http://www.intratone.com)



### TECHNICAL SPECIFICATIONS

POWER SUPPLY  
via the USB port

SIZE (L X H X D)  
89 mm x 130 mm x 24 mm

ENVIRONMENT  
Operating temperature  
0°C to +50°C

Storage temperature  
-20°C to +70°C  
Protection class IP22

## ELECTRONIC BADGES

- ▼ Ergonomic and sturdy
- ▼ MIFARE technology

Electronic badge, engraved stainless steel insert



### TECHNICAL SPECIFICATIONS

SIZE (L X H X D)  
41 mm x 64 mm x 7 mm

ENVIRONMENT  
Operating temperature -20°C to +70°C  
Storage temperature -20°C to +70°C  
Protection class IP68  
Mechanical shock resistance class IK08

### SPECIAL FEATURES

Identifier 10 engraved characters

### FUNCTIONS

Number of colours 10  
Units per pack 20

### ELECTRONIC BADGES RANGE - STAINLESS STEEL (20 UNITS PER PACK)

REFERENCES		OUR PRICES
08-0101	Black	
08-0102	Grey	
08-0103	Blue	
08-0104	Red	
08-0105	Yellow	
08-0106	Green	
08-0107	Brown	
08-0108	Orange	
08-0109	Purple	
08-0110	Ivory	



#### TIP

Save time programming  
with the USB key programmer!



#### UNIQUE

Automatic management by colour  
and shape

# REMOTE CONTROLS

2 channels

Everything you need at the right price

RF 868 MHZ technology



Electronic remote control, engraved stainless steel insert – 2 channels



### UNIQUE

Automatic management by colour and shape



### TIP

Equipped with a battery saver function. Press and hold to stop charging your remote control.

### SPECIAL FEATURES

Identifier	10 engraved characters
868 MHz	•
Number of channels	2
Technology	RF

### FUNCTIONS

Number of colours	1
Units per pack	10
Batch programming (barcode)	•

### TECHNICAL SPECIFICATIONS

#### POWER SUPPLY

Supplied with 1 CR 2032 battery

#### SIZE (L X H X D)

41 mm x 71 mm x 13 mm

#### ENVIRONMENT

Operating temperature  
-20°C to +70°C  
Storage temperature  
-20°C to +70°C  
Protection class IP54

### ELECTRONIC REMOTE CONTROLS RANGE 2 CHANNELS (10 UNITS PER PACK)

REFERENCES	OUR PRICES
09-0101    Black	

# REMOTE CONTROLS

4 channels

Combines both technologies for use as a badge or as a remote control

RF 868 MHZ technology



Electronic dual-technology remote control, engraved stainless steel insert – 4 channels



### UNIQUE

Automatic management by colour and shape

### SPECIAL FEATURES

Identifier	10 engraved characters
868 MHz	•
Number of channels	4
Technology	MIFARE and RF

### FUNCTIONS

Number of colours	5
Units per pack	10

### TECHNICAL SPECIFICATIONS

#### POWER SUPPLY

Supplied with 1 CR 2032 battery

#### SIZE (L X H X D)

5 mm x 74 mm x 13 mm

#### ENVIRONMENT

Operating temperature  
-20°C to +70°C  
Storage temperature  
-20°C to +70°C  
Protection class IP54

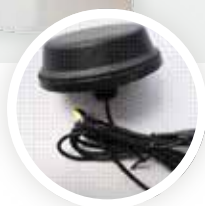
### ELECTRONIC BI-TECHNOLOGY REMOTE CONTROLS - 4 CHANNELS (10 UNITS PER PACK)

REFERENCES	OUR PRICES
09-0102    Black	
09-0103    Blue	
09-0104    Red	
09-0105    Yellow	
09-0106    Green	



# 3G DATA COMMUNICATION MODULE

- ✦ Auxiliary data bus to connect the notice board
- ✦ Functions up to 100 m from the equipment
- ✦ Prepaid unlimited updates, guaranteed for 15 years



06-0112-EN **3G Data unit**, including unlimited data updates, guaranteed for 15 years



REMOTE ONLINE  
MANAGEMENT  
[www.intratone.com](http://www.intratone.com)

## NEED TO REMOTELY POSITION THE 3G UNIT AERIAL?

REMOTE AERIAL 3G unit (12-0114-EN)  
(Supplied with 3 metres of cable)

## HOW IT WORKS

Change of network if necessary: 3G > EDGE > GSM

## ASSOCIATED PRODUCTS (DATA ONLY)

Notice board (p. 44)

All access control products in the real-time range in the event of poor network quality

## TECHNICAL SPECIFICATIONS

### POWER SUPPLY

12/24 V DC  
2A

### CABLING

4 wires (2 twisted pairs)  
Ø 0.8 mm - Max. distance: 100 m

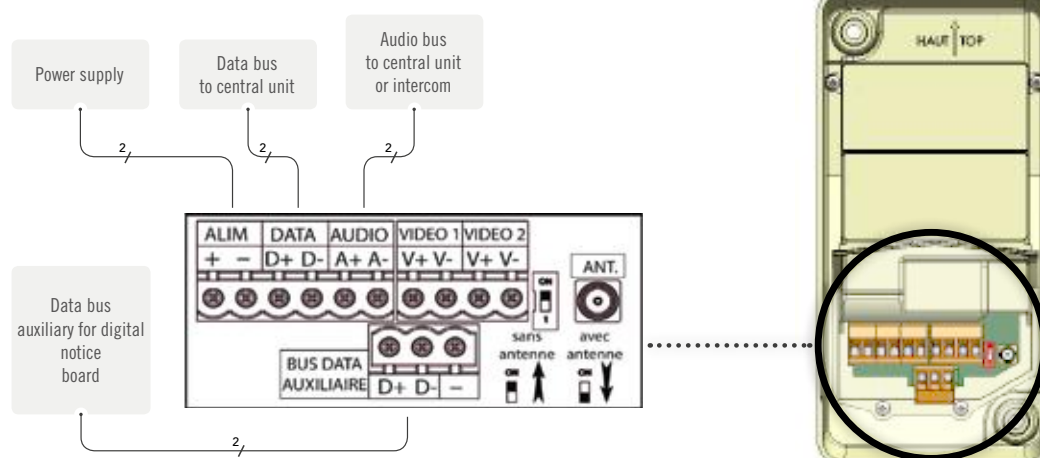
### SIZE (L X H X D)

3G unit  
183 mm x 90 mm x 72.5 mm

### ENVIRONMENT

Protection class IP55

## SIMPLIFIED DIAGRAM



# Choose an accessory for the equipment!



## BOXES

**CODED KEYPAD WITH OR WITHOUT PROXIMITY READER** Ref. 04-0101-EN and 04-0103-EN

**PROXIMITY READER** Ref. 04-0104-EN

**SQUARE PROXIMITY READER** Ref. 04-0106-EN

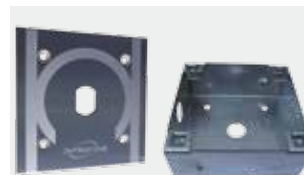


SURFACE-MOUNTED  
Size: 125 x 125 x 57 mm - IP66

**12-0103** - stainless steel

**12-0107** - stainless steel

**12-0132**



FLUSH-FIT  
Size: 90 x 90 x 41 mm - IP67

-

**12-0101** - stainless steel  
**12-0121** - brass

**12-0135**

### RANGE

REFERENCES	BOXES FOR SURFACE MOUNTING - STAINLESS-STEEL FINISH	OUR PRICES
<b>12-0103</b>	For coded keypad (04-0101-EN and 04-0103-EN)	
<b>12-0107</b>	For proximity reader (front panel included) (04-0104-EN)	
BOXES FOR FLUSH FITTING - STAINLESS-STEEL FINISH		OUR PRICES
<b>12-0101</b>	For proximity reader (supplied without reader) (04-0104-EN)	
<b>12-0132</b>	Surface-mounted stainless steel box for panel mount reader (04-0106-EN)	
BOXES FOR FLUSH FITTING - BRASS FINISH		OUR PRICES
<b>12-0121</b>	For proximity reader (supplied without reader)	
<b>12-0135</b>	Flush-fit stainless steel box for square proximity reader	



## LEXAN WINDOWS

REFERENCES	LEXAN WINDOWS	OUR PRICES
<b>12-0129-EN</b>	Lexan window (blank) for square proximity reader 04-0106-EN	
<b>12-0139</b>	Lexan window with personalized logo for square proximity reader 04-0106-EN	



## ADDITIONAL AERIALS FOR RF



Size: 22 x 115 x 7 mm - IP55

**12-0113-EN**



Size: 46 x 180 x 66 mm - IP55

-

**12-0112-EN**

**ECO RF RECEIVER - WATERPROOF - 2 RELAYS**  
Ref. 07-0106-EN

**RF RECEIVER WITH REMOTE ANTENNA**  
Ref. 07-0101-EN

### RANGE

REFERENCES	ADDITIONAL AERIALS	OUR PRICES
<b>12-0113-EN</b>	Remote RF aerial (for 07-0106-EN and 06-0130-EN)	
<b>12-0112-EN</b>	Additional RF coded aerial (for 07-0101-EN and 07-0103-EN) - pack of 5 pieces	



## *Need to access to your management website for more information about our products?*

*Log in to [www.intratone.com](http://www.intratone.com)*



### You can:

- Perform a quick search
- Access to your management websites:
  - my residences (intratone.info),
  - my home (myintratone.com),
  - my keys (organigramme.info).
- free download:
  - product files,
  - operating instructions,
  - wiring diagrams, etc.

