CE

The range

Control unit
RBM21   Control unit for proximity and magnetic card sensors.
PC40   Serial interface for wireless PC connection (Up to 1000 m).

Control accessories and transponder cards
TSP00   Sensor for transponder cards.
TST01   Transponder card in ISO 7810 - 7813 format.
TST04   Rewritable transponder card in ISO 7810 - 7813 format.
PCT   Transponder key chain.
TAG   Transponder bulb. It can be housed on Came Top and Atomo series radio transmitters.

Control accessories and magnetic cards
LT001   Sensor for magnetic cards.
TST02   Magnetic card in ISO 7810 - 7813 format.
LTT   Sensor fitter.

Detection and warning accessories
PSSRV   Red-green traffic light Ø 210 mm
PSINS   Two-sided luminous signs stating "FREE-FULL". It comes complete with wall-mount brackets.
SMA   Single-channel magnetic sensor to detect metallic masses.
SMA2   Two-channel magnetic sensor to detect metallic masses.
CSS   Aluminium post for keyswitch or keypad (built-in) heigth 1 m.
CSSN   Black enamel aluminium post for keyswitch or keypad (built-in) heigth 1 m.
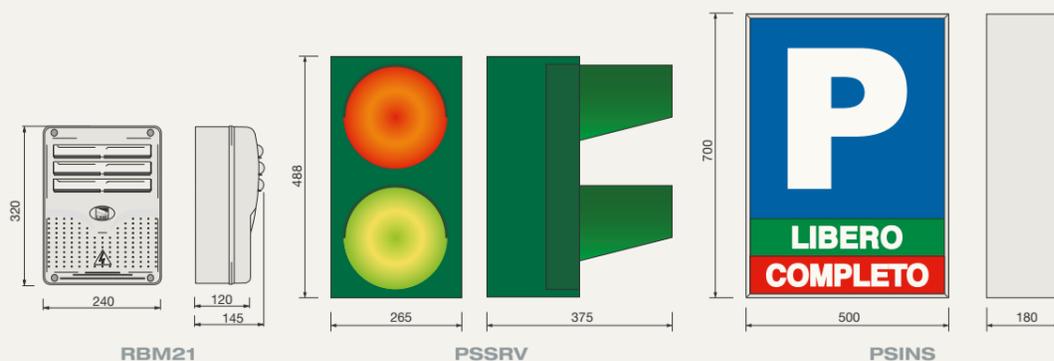
Technical features

Types	RBM21	PC40	TSP00	LT001
Protection rating	IP54	-	IP54	-
Power supply (V)	230 A.C. 50/60 Hz	from RBM21	from RBM21	from RBM21
Operating Temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Dimensions (mm)	320 x 240 x 145	117 x 75 x 25	70 x 70 x 70	90 x 28 x 27

Limits to use

Max users	500
Dedicated software	YES
Use without pc	YES (partial)
Type of pc connection	RS232 - RS485
Max. distance between the RMB21 and the pc	5 m without the PC40 (RS232) and 1000m with the PC40 (RS485)
Max number of connectable sensors	2 inputs + two outputs (or two inputs/outputs)
Relay outputs for automation control	2 n.o. - n.c.
Connector for traffic light or light box	1 n.o. - n.c.
Auxiliary Memory card (Memory roll)	YES
Integrated on-board warning display	YES
Connectors for electric coils	2
Integrated on-board sensor	YES (only for proximity cards)

Dimensions

RBM21   **PSSRV**   **PSINS**

320 / 240 / 120 / 145 / 488 / 265 / 375 / 700 / 500 / 180

LIBERO
COMPLETO

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CAME
AUTOMATIC GATES

Access control
systems for
easily managing
up to 500 users

RBM21
ACCESS CONTROL

Versatile complete and easy to use, it is the ideal access control solution for up to 500 users

It is specifically designed for managing subscriptions at gyms, sports centres in general, for area control, or small private parking lots. RBM21 is the ideal solution to control and manage the access of the client who owns this service.

CAME
AUTOMATIC GATES

Card-based
access control
system, Tag and
transponder
keychain

RBM21
ACCESS CONTROL

The system is suitable for managing up to 500 max member
users. It is designed to be used with transponder or magnetic
card sensors, it is supplied with its dedicated software, but also
works when not permanently connected to a PC.

A Standard Installation

An example of its application, currently in great demand,
is for gymnasium or sports facility management, where members may
accede to various services while using only one card.

This application requires a simple-to-use system suitable for large
volumes of members and services provided.

RBM21 is the solution!

Diverse application potential in
a simple, yet extremely versatile
product

**The TSP00 proximity card
sensor.**
Is the ideal tool for selecting any
passing.
In fact the card is practical and
sturdy, it is impervious to sun rays
and magnetic fields.

**The LT 001 magnetic card
sensor.**
Is a valid alternative, it is practical
and functional, and more cost
effective, when a high number of
cards are required.

**The PSSRV-PSINS traffic light
and luminous sign.**
Are indispensable instruments
when managing a private parking
lot, they provide user information
and space availability.

**Special software - managed
functions such as "deductible
inputs".**
In fact, users may purchase a number
of "credits" on their cards, to be
used with the sensors. Each sensor
then transmits the   deductible credit
to the control unit.

It works without PC through
an "on-board" sensor into which
card is inserted.

**It connects to PC from up
to 1000 m away** through a
dedicated PC40 interface.

Connection of 4 TSP00 or LT001
(even separate) sensors - can set
up two inputs and two outputs or, if
preferred, two inputs/outputs.

It works also with the practical PCT
transponder keychain and TAG sen-
sors, which also work with the Atomo
and Top series transmitters.

**Connecting of two automa-
tions** which are directly connected
to the system or, if needed to the
PC.

The software

The dedicated software features a light graphic interface, which is easy to
use, it runs on the Windows OS and does not require any special hardware
requirements.
It may be configured according to system's requirements, and it enables card
memorization to store the parameters of each users.
It also features a "deductible credit" access mode, where values may be
adjusted for each single sensor in commercial settings. Also, the opening
command of the automations may come directly from PC if so required.

The functions

> Prepaid access
The user is deducted "credit" from the card at every use. Credits must be assigned at the
time the card is added to the system and each sensor may be associated with a different
credit value.

> Prepaid time
The user is deducted credits from the card based on the amount of time spent within
the facility.

> Card blocker
At any time the card's operation may be blocked within the system.

> New User
At any time a new user may be added to the system's membership population.

> Antipassback
This prevents more than one user from using the same card at the same time.

> Antipassback timer
This function blocks the use of the card, for an adjustable time-frame, after entry.
The card is unblocked once exit is made.

Gym   Private parking lot   Controlled area

CAME
AUTOMATIC GATES