

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.



RBM21

Access Control

Card-based access control system, Tag and transponder keychain

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.



The TSP00 proximity card sensor.

It 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.

It 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.

They are indispensable instruments when managing a private parking lot, they provide user information and space availability.

Diverse application potential in a simple, yet extremely versatile product.

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 1,000 m away through a dedicated PC40 interface.

Connecting of two automations which are directly connected to the system or, if needed, to the PC.

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 sensors, which also work with the Atomo and Top series transmitters.



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.

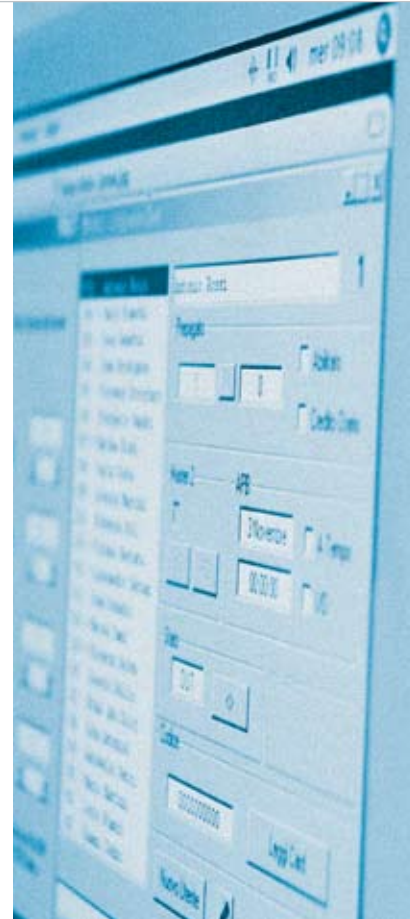
RBM21 is the solution!

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



Made in Italy



For its quality processes management Came Cancelli Automatici is ISO 9001:2000 certified, and for its environmental management it is ISO 14001 certified. Came designs and manufactures entirely in Italy.

The range

230V A.C. control and management units

- RBM21** Control unit for transponder sensors, magnetic loops and card readers, complete with software.
- PC40** Interface to remotely connect to the PC (up to 1,000 m / 3,281 ft).

Control accessories for proximity cards

- TSP00** Transponder reader.
- TST01** Proximity card - ISO7810 - 7813 format.
- TST04** Re-writable proximity card - ISO7810 - 7813 format.
- PCT** Proximity key fob.
- TAG** Glass transponder bulb for TSP01
(It can be housed on TOP-432NA - TOP-434NA - TOP-862NA TOP-864NA - Atomo - Twin - Touch).

Control accessories and magnetic cards

- LT001** Magnetic card reader.
- TST02** ISO 7810 - 7813 format magnetic card.
- LTT** Reader support.

Signalling Accessories

- PSSRV** Red-green traffic light (ø 200 mm / 7.87 in).
- PSINS** Two-sided FULL-FREE luminous sign.

Technical features

Type	RBM21	PC40	TSP00	LT001
Protection rating	IP54	-	IP54	-
Power supply (V)	230 A.C. 50/60 Hz	24 D.C. from RBM21	from RBM21	from RBM21
Dimensions (mm)	320 x 240 x 145	117 x 75 x 26	70 x 70 x 70	90 x 28 x 27
Dimensions (in)	12.59 x 9.44 x 5.7	4.6 x 2.95 x 1.02	2.75 x 2.75 x 2.75	3.54 x 1.1 x 0.108
Operating temperature (°C/°F)	-20 - +55 / -4 - +131			

120V A.C.- 60 Hz PRODUCTS PLEASE CHECK OUR PRICE LIST ● 230V A.C.

Limits to use

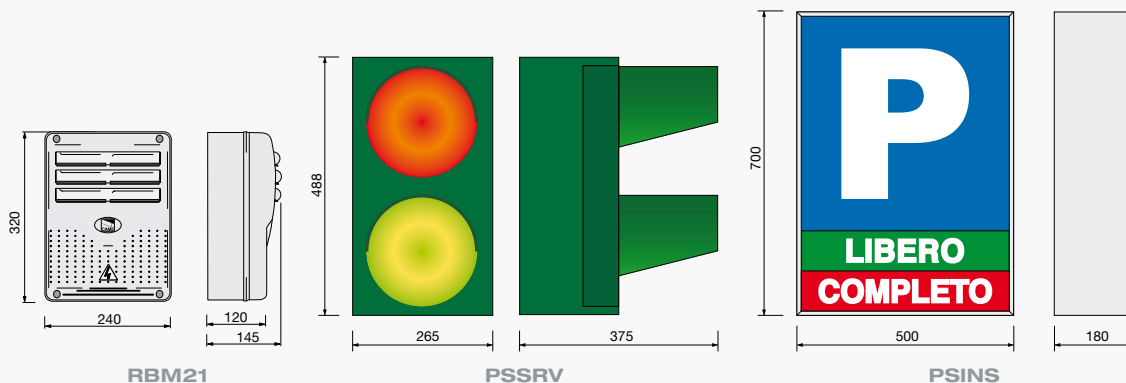
Features	RBM21
Max number of users	500
Dedicated software	YES
Use without PC	YES (partial)
Type of PC connection	RS232 - RS485
Max distance between RBM21 and PC	5 m / 16.4 ft without PC40 (RS232) - 1,000 m / 3,281 ft with PC40 (RS485)
Max number of connectable sensors	2 inputs + 2 outputs (or 2 inputs/outputs)
Relay outputs for automation control	2 (n.o. - n.c.)
Connection for traffic light or sign	1 (n.o. - n.c.)
Auxiliary Memory card	YES
On board warning display	YES
Magnetic loop connections	2
On-board sensor	YES (only for transponder cards)

● 230V A.C.

PRODUCTS



Dimensions



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