

R010

TG348

Transponder Reader



Summary

The access control transponder reader TG348 is designed to allow the room access to the hotel customer and to the staff, using the transponder technology (via Radio). This reader is managed by the room control unit TG650 or by the command module TG352-TG353-TG901.

On the front face there are a red LED and a green LED, which show the door status - open or closed - another red LED (on the right) showing the customer presence inside the room, and a yellow LED (on the left) showing the "Do not disturb" message. Under the red LED that shows the presence of people inside the room there's the door-bell button.

Control Functions

- Room access control
- "Do not disturb" message
- Customer presence message
- Door-bell button
- Open/closed door indicator

Orders

To order the control unit simply specify:

Transponder reader Mod. TG348 for BTicino and Vimar as:

- TG348 3L for Bticino Living International 3 modules (box 503)
- TG348 4L for Bticino Living International 4 modules (box 504)
- TG348 3V for Vimar Idea 3 modules (box 503)
- TG348 4V for Vimar Idea 4 modules (box 504)

To order Transponder cards please specify Mod.TG5551TRCI used to identify standard dimensions cards similar to magnetic cards (credit cards, ATM cards...), containing the transmitter recognized by the reader placed outside of the room door.

Planning

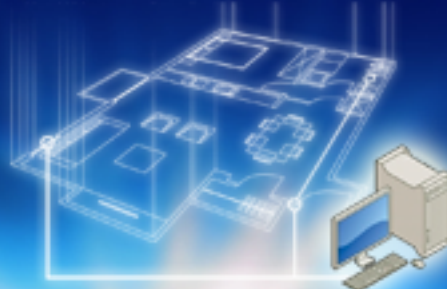
Transponder Reader must be mounted on 3 or 4 modules embedding boxes (type 503/4), every unit can be placed inside BTicino Living International and Vimar Idea supports (to specify in the order).

Alternative solutions with different plate type are available on request.

When planning the system installation adhere to all the norms (CEI) related to electric device installation.

Installation

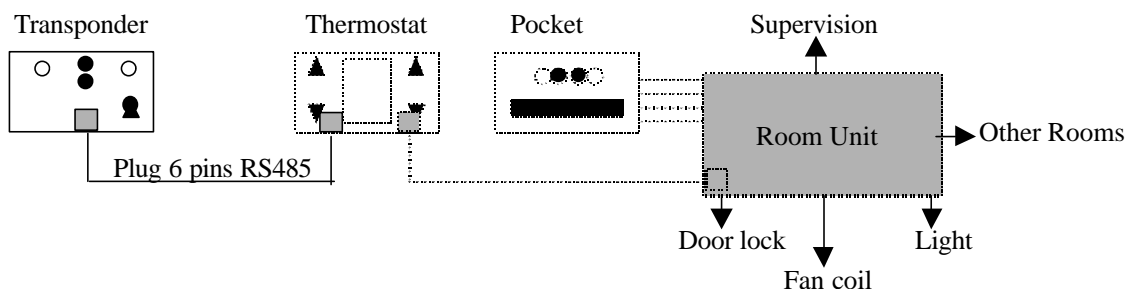
Access reading Unit is usually placed outside the room at door-lock height. The reader must be placed beside the main entrance door.



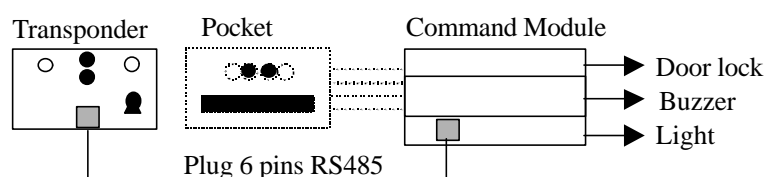
Technical Features	Feeding	10 – 16 V DC from TG 650	Transponder Reading	Distanza max 2 cm
	Current	210 mA Max	Dimensions (HxLxD)	40x65x42 mm
	Room Interface	RS485 (4800 baud)	Weight	0,033 Kg
	Indications	Open door (Green light) Closed door (Red light) Customer presence (Red light) Do not disturb (Yellow light)	Working Temp. Store Temp. Relative Humidity Protection grade	0..+50°C -20..+ 50°C 80 % annual average IP 44

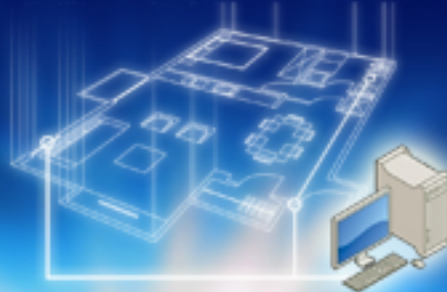
Connections

Towards room unit for the complete access and comfort control.

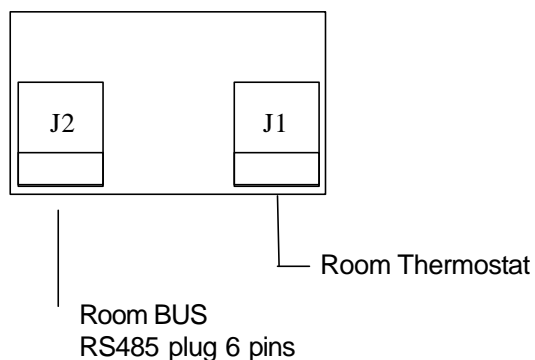


Towards door-lock command module (only access control)



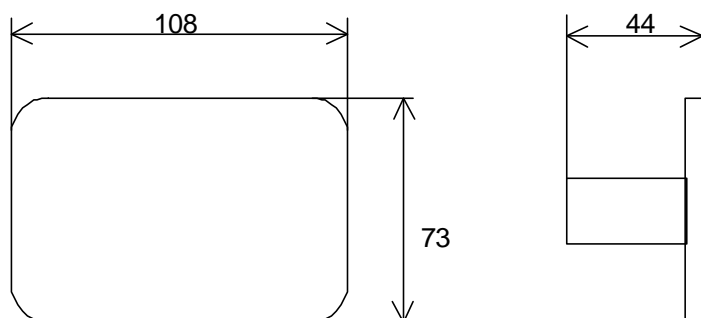


Access reader TG348 (Transponder) Connection Details



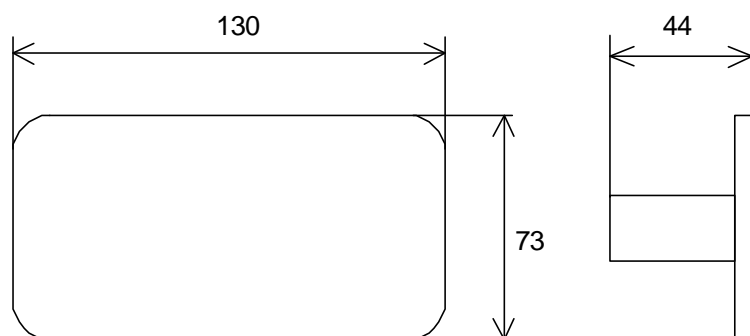
Dimensions (mm)

For 3 modules BTicino Living International version



Note: For Vimar version dimensions are:
(HxLxD) 75x114x44 mm

For 4 modules BTicino Living International version



Note: For Vimar version dimensions are:
(HxLxD) 75x139x44 mm