

miniTIME **KEYBOARD AND PASSIVE PROXIMITY CARDS READER**

The MiniTIME line is based on units that can have the following requirements:

- Passive proximity card reader
- Simple keyboard for personal code digit
- Passive proximity card reader + keyboard for personal code digit

The devices have been designed for internal installation and external installation (pedestrian and vehicle gates).

The passive proximity cards reader can spot the transponder at a maximum distance of 5 cm and they do not require any contact with the unit.

This feature enables the user to read his/her card easily and intuitively plus this feature also avoids any maintenance requirement.

The container is completely made in plastic material (ABS) with IP55 protection level.

A pleasing look is gained through a painted cover that fully conceals the fixed screws between the upper side and the lower side of the device.

The keyboard is backlit with green colour leds and utilizes the new touchpad technology, without contact and without moving parts or edges.



CODE	miniTIME-T	miniTIME-PS	miniTIME-TPS
Reader type	12 keys keyboard	Proximity type: passive	Proximity plus keyboard
Reading distance for card format transponder	NO	Max 5 cm.	
Transponder format		Card or Keychain at 125 KHz	
Dual Color signal Led diam. 3 mm.		Frontal	
Buzzer		Built in	
Installation		On wall / On column with accessories	
Electrical link with management panel		Multipolarity cable 5x0,5 mm shielded +1 for data present if required	
Max distance between reader and management panel		100 mt.	
Power		Directly from management card	
Current Consumption	Max 85 mA	Max 35 mA	Max 105 mA
Operating temperature		-25 +55°C	
Case		ABS	
Size		H 175 x L 60 x P 45 mm	
Use	Access control reader for pedestrian/vehicle access in internal/external environment.		

Technical features and specifics

The device disposes of a passive proximity card reader.

These transponders (prox cards) are read-only and have a unique code.

The reader's nominal work frequency is 125 KHz.

The reader decodes the code and transmits it in Magnetic-stripe format.

Output signal level: TTL (0 ÷ 5V normally high).

The miniTIME-TPS's and miniTIME-T's keyboard enables the user to input a MAX 37 digits code that is forwarded to the management card in magnetic-stripe format, as if the code is produced by the read of a proximity card.

It is possible to use the keyboard to digit a PIN code (Only with switchboard's firmware Ver. 01.05.04 or above).

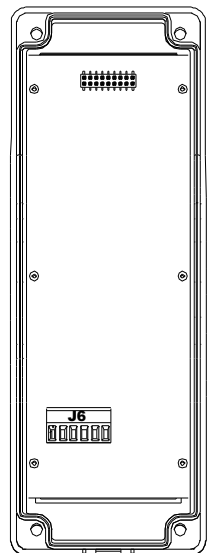
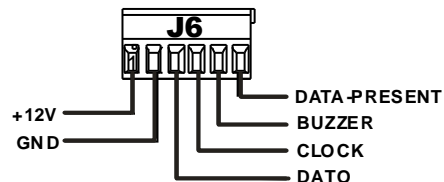
It is not possible to use the PINSOST feature.

The code that will be detected from the keyboard will be recognized as an alternative to a passive transponder read.

With the E of ENTER the digit procedure is over and the code is sent.

With the X for CANCELLING the digit operation will be cancelled.

6 contacts connection board setup:



MiniTIME reader terminal	MANAGEMENT CARD
Pin 1 (+) + 12 Vdc	+ 12
Pin 2 (-) - GND	GND
Pin 3 D - RDP negative – DATA -	D1 o DAT
Pin 4 C - RCP negative – CLOCK	DO o CLK
Pin 5 B - input for BUZZER's Led control.	BUZ
Pin 6 P - DATA PRESENT	Do not use this PIN