

WALL SMART

Wall Mount Family Reader

Features

General

■ Operating frequency (HF)	13.56 MHz
■ Operating frequency (LF)	125KHz
■ Transponders (HF)	ISO15693/ISO14443 / I-CODE/ Mifare
■ Transponders (LF)	Unique/H4102/ TK5557/TK5567/ Q5
■ Approx. read range (HF)	*max 6 cm
■ Approx. read range (LF)	*max 12 cm
■ RF transmitting power	100mW
■ Power	12/24V DC/AC
■ Current consumption	max. 360 mA
■ Keyboard	4x5
■ Optoisolated Input	2
■ Relè output	2
■ Operation modes	Polling-Mode & Scan Mode
■ Antennas (HF)	integrated
■ Antennas (LF)	integrated/remote
■ Interface	RS232/485/TCP-IP GSM-GPRS (optional)
■ Optical indicators	2 LED power& Transponder communication (flashing)
■ White List	2000 elements
■ Cronology	5000 events
■ Driver Support	- Windows XP/VISTA 32 Bit - Linux 2.6

RoHS

(Fully RoHS (2002/95/CE) Compliant).



The terminal **WALLSMART**, both compact and easily integrated into access control systems, allows access management in a set daily or weekly time range and it is possible to introduce codes using the keyboard.

The LF version, when used as an attendance device also allows the use of 2 Remote Antennas and thus the possibility to differentiate the reading phase from input to output.

The advanced and high performance hardware architecture ensure security and flexibility.

The optical (LED) and acoustic (BUZZER) indicators and an LCD Display with backlight, allow user-friendly communication while, the KEYBOARD, in FLAT Technology, allows the release of information consistent with the final application.

The backup Real Time Clock allows the registration of transactions with related Time-Stamping, while the high capacity non-volatile memory allows the storage of a high number of events or elements for the White List.

Easy to use and with low profile case makes the **WALLSMART** suitable for civil and industrial environments.

The RS232, RS485, LAN TCP-IP, and GSM-GPRS interfaces knock down all communication barriers that the

WALLSMART might face

WALL SMART

Functions

Stand Alone

Writing and reading of RFID devices in autonomous mode. The actions take place through the comparison of the data of the users White List. The events are stored in non-volatile memory.

Polling

As soon as a valid RFID is read the code is stored on a temporary Cache memory for the set time (selectable by SW). At HOST request the data is sent

Interrupt

As soon as a valid TA is read the code is associated with the time and, if required, with the PIN code, and sent to the HOST with the available communication interface.

Options

125KHz

13.56MHz

MODEM GSM-GPRS

Contact TechSigno

Order Code

WS-L03-M01 125KHz WALLSMART READER

WS-H03-M01 13.56MHz WALLSMART READER

Mechanical and Electrical informations

Dimension 200x210x48 mm

Housing ABS

Color off-white RAL 9002

Weight <gr. 400

Protection class IP40

Supply voltage 12 -24V DC/AC

Current 360mA @ 12V

Temperature range

Operation 0 °C up to 50 °C

Storage -40 °C up to 85 °C

Relative air humidity 95% (non-condensing)

Accessories

USB 1.8m cable

CBL-IDSOFT_001

IT IS POSSIBLE TO MOVE FROM STANDARD TO INDIVIDUAL SOLUTIONS WITH OUR "COMPREHENSIVE SERVICES".

CONTACT US FOR ANY FURTHER DETAILS ON THIS.

About Us

TechSigno srl is an independent company that build RFID system and intelligent objects for multimedia, industrial, transportation, medical, and wireless applications. Working closely with our customers, we meet the specific made-to-order demands of our customer to achieve maximum functionality, efficiency, reliability and therefore satisfaction.

AUTHORIZED DISTRIBUTOR

Note:

The information in this document is subject to change without notice and should not be construed as a commitment by TechSigno srl. All reasonable precautions have been taken, TechSigno srl assumes no responsibility for any error that may appear in this document. All trademarks or registered trademarks are the properties of their respective compagnie.



Ver. 1.0 En

TechSigno S.r.l.

Via Selvuzzis, 53 - 33100 Udine - ITALY - tel.: +39.0432.603604 - fax: +39.0432.602905 - e-mail: info@techsigno.com



www.techsigno.com