

FEATURES

General

■ Operating frequency (HF)	13.56 MHz
■ Operating frequency (LF)	125KHz
■ Transponder (HF)	ISO14443/A
	Mifare
	Felica
■ Transponders (LF)	Unique
	H4100 - H4102 – EM4100 – EM4102 – EM4200
	TK5557 – TK5567 Read Only Codified
■ Approx. read range (LF/HF)	5 cm depending on tag antenna size
■ Interface	USB 2.0 RS232 Optionally
■ Communication Protocols	USB Keyboard
■ Power	Cable 5V USB power Single Cell AAA 1.5V Battery
■ Current consumption	max. 200 mA
■ Operation modes	Scan Mode White List Association
■ Antenna	Integrated
■ Optical indicators	1 Red/Green LED Battery Status and Reader Status LCD 101 x 67 dots
■ Driver Support	- Windows XP/VISTA 32 Bit - Windows DLLs, API and PC driver available

RoHS

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



Techsigno uSCAN is a Mini portable Battery-powered RFID reader with LCD and built-in Real Time Clock for data collection applications.

uSCAN is designed for read 125KHz or 13.56MHz RFID TAG anytime and anywhere without computer connectivity. The data read from RFID TAG is shown on the display and kept into the memory with time stamp to be downloaded into the computer via the USB Interface

The **uSCAN** feature are:

- 512K bytes Memory
- Built-in Real Time Clock (RTC)
- Small Size
- Read 125KHz or 13.56MHz RFID TAG
- LCD display (101 x 67 dots)
- Auto off for power saving
- Low battery indicator
- Memory full indicator
- White List

Typical application are:

- Time Attendance data collection of employee
- Exhibition visitors data collection
- Conference attendants data collection
- Guard tour monitoring system
- Student attendance data collection

Benefits

Compact dimensions
Powered by Single Cell AAA 1.5V Battery
Easy to Use
LCD Display 101 x 67
512Kb Memory size for up to 8192 Records
Auto Off for power saving
White List

Options

Reader with RS232 Communication Port

Order Code

USCAN-L01W	125KHz USB Reader with white list
USCAN-L02W	13.56MHZ USB Reader with white list

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.

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Mechanical and Electrical informations

Dimension	58 x 47 x 20
Housing	ABS
Color	off-white RAL 9002
Weight	<gr. 200
Protection class	IP40
Supply voltage	Cable 5V DC USB Single Cell AAA 1.5V Battery
Current	200mA
Temperature range	
Operation	0 °C up to 55 °C
Storage	-40 °C up to 85 °C
Relative air humidity	90% (non-condensing)

Accessories