

### FEATURES

#### General

■ Operating frequency (LF)	125KHz
■ Supported transponders	Unique/ H4102 / TK5557/ TK5567 / Q5
■ Approx. read range	10 cm max ISO card*
■ Power	5V USB power
■ Current consumption	<. 100 mA
■ Operation modes	Polling-Mode Scan-Mode
■ Antennas	integrated
■ Interface	USB 2.0 Full-Speed (12 MBit/s)
■ Communication Protocol	USB keyboard Virtual COM
■ Optical indicators	green LED power/connection Red LED tag operations
■ Driver Support	- Windows XP/VISTA 32 Bit - Windows DLLs, API and PC driver available

#### RoHS

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



The **UFOID** reader is a compact and easy to use terminal capable of handling RFID in three different modes:

- **SLAVE**
- **SPONTNEOUS**
- **KEYBOARD EMULATION**

**SLAVE** mode executes all commands received from the MASTER unit.

**SPONTANEOUS** mode reads the RFID device's code and sends the data to the MASTER

**KEYBOARD EMULATION** mode reads, after checking the validity of the TAG, the code and sends it to a PC, emulating typing the code on a keyboard.

It's possible to access the entire memory of the TAG as well as program the protection code and choosing the method to send data to the remote controller.

The communication protocol with the PC is the USB Virtual COM that allows an easy integration in the systems.

A bi-color LED provides all optical signals.

If required, it's possible to customize the reader implementing the functionality HF or HF / LF simultaneously.

# UFOID

## Benefits

Compact dimensions
Powered by USB port
Easy to Use
Low Price

## Mechanical and Electrical informations

<b>Dimension</b>	110 x 110 x 38
<b>Housing</b>	ABS
<b>Color</b>	off-white RAL 9002
<b>Weight</b>	<gr. 200
<b>Protection class</b>	IP40
<b>Supply voltage</b>	5V DC USB
<b>Current</b>	140mA
<b>Temperature range</b>	
<b>Operation</b>	0 °C up to 50 °C
<b>Storage</b>	-40 °C up to 85 °C
<b>Relative air humidity</b>	95% (non-condensing)

## Options

## Accessories

## Order Code

UFOID-L01KE	Reader with Keyboard Emulation USB Interface
UFOID-L02UVC	Reader with USB- VirtualCom Interface

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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**TechSigno S.r.l.**

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



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