

# PT2SCAN™ family

Reade / Writer RFID + BARCODE 1D – 2D



## Features

### General

Integrated Antennas	HF – UHF <sup>2</sup> - BT
Operating frequency	HF: 13.56Mhz UHF <sup>2</sup> : 862MHz -955MHz
Standard	ISO15693 – ISO14443 A/B ISO18000-6B EPCG1/G2
BarCode	Laser Engine 1D Resolution 5.0mil Code 39 Imager 2D Resolution 5.0mil Code 39, 6.7mil PDF417
Communication	USB 2.0 Virtual COM Blue Tooth Class 2 <sup>1</sup>
One Button Operation	
Operatinals Mode	Stand Alone Slave Programmable Macros
Power	Single Cell Li-ion 18650 3.7V/2600mAh Battery
Data Memory	Up to 10.000 events
Real Time Clock	Indipendent with Battery Back- Up
Activity Indicators	Led on RFID / Bar Code Status Led on BT Connection Led on Battery Status Buzzer Vibration
Operating System	Windows XP SP2 Windows Vista 32b Windows 7 32b Windows DLLs, API Available Linux Kernel 2.6

### RoHS

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

**PT2SCAN™** is a dual technology Scanner, RFID and Laser BARCODE 1D and Imager 2D, that meets most of the standards available on the market. It allows the simultaneous reading of multiple RFID devices in the HF, UHF and standard 1D or 2DBarcode and is both compact and lightweight. Ergonomically designed for easy and immediate use, without the need of special settings and calibrations, and is immediately user-customizable with the support programs provided.

It features a single push button, 4 leds, one buzzer and one vibrating motor for its control and use. Its simplicity is the fundamental characteristic which makes it ideal even for the most mundane tasks.

Featuring a backedup and tamperproof Real Time Clock, it can include, if required, a time record for each transaction.

The device features two operational modes. In **STAND ALONE** mode the device is fully independent and can memorize the transactions of single units on its internal memory. When operation is complete the collected data at is retrieved using the USB or blue tooth

In **SALVE** mode the **PT2SCAN™** is controlled by a remote device through the USB or BLUETOOTH ports.

It is possible to reprogram the STAND ALONE functionally using the utility provided by **TechSigno**.

Manageability and easy of usability make the **PT2SCAN™** suitable for civil and industrial use. The large non-volatile internal memory, the high capacity rechargeable battery, allow a longer operativity.



**TECHSIGNO**  
SMART & GREEN

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## Benefits

- More than 8000 scans before recharging the battery
- Up to 10000 records memorized
- Laser Barcode 1D o Imager 2D
- RFID HF and UHF<sup>2</sup>
- Bluetooth Connection
- USB Connector
- Realtime Clock
- Easy to use
- Rugged
- Ergonomically designed for data picking

## Mechanical and Electrical informations

<b>Dimensions</b>	180 x 86 x 45 mm
<b>Weight</b>	< 200gr.
<b>Supply voltage</b>	USB 5V
<b>Current</b>	max 500mA
<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

RFID HF or UHF Only  
Antibacterial case

## Accessories

PWR-PT2SCAN-00      **Universal Input 110-230Vac -> 5V 1A  
Battery Charger**

## Order Code

PT2SCAN-H-01-UVC	Reader RFID HF AND BARCODE 1D
PT2SCAN-H-50-M03	Reader RFID HF AND IMAGER 2D
PT2SCAN-H-20-UVC	Reader RFID HF

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

**CONTACT US FOR ANY FURTHER DETAILS ON THIS.**

- 1) Depending on environmental
- 2) UHF available upon request

## 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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