



### Features

#### General

■ Operating frequency	13.56 MHz or 125KHz
	100mW power
	ISO15693/ ISO14443
	H4102/TK5557/TK5567/Q5
	Max Range 6cm
■ Quad Band GPRS Module	850/900/1800/1900 MHz
■	Class 10
■	Protected SIM
■ Integrated Antennas	HF/LF/GPRS
■ Display	1.45" OLED
■	160x128pixel
■	262K colours
■ Data Memory	10.000 Records
■ Real Time Clock	With Battery Backup
■ Keypad	5 Key Menu Driven
■ Power Status Indication	GREEN/YELLOW/RED
■ User Indicators	Buzzer
	Vibrator
■ Protection grade	IP54
■ Battery pack	NiMh 2AA 2700mA
■ External Battery Pack charger	
■ Optional Docking Station	Battery Charger
■	USB 2.0

#### RoHS

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

**3GScan®** is an RFID reader / writer which is ergonomic, small and light and connects to the outside world via a GPRS connection. Ideal device for data management and certification applications and wherever mobility is a priority.

**3GScan®** is an easy to use wearable device. Its simple keyboard and color display, available for immediate use and does not require special operating instructions

**3GScan®** is sealed, sterilized and powered by two standard AA batteries. The GPRS is activated on request. This combined with its optimized power management allow long battery life.

**3GScan®** software features two levels of customization: The first level is integrated on the device, while the second, higher level is a web-based application which is installed on the host. The software allows the reading of RFID devices as well as the association of operators/activities through the loaded white-list.

To complete the system a docking station with USB function and Bluetooth connection as well as a battery charger also available

Typical areas of application for this device are:

- Home care
- Surveillance
- Activities of service cooperatives
- Maintenance Management

# 3GScan

## Benefits

Easy to use
Ergonomically designed for M.D.C. (Mobile Data Collection)
Menu driven Operations
More than 10.000 records memorized
Real time clock
Read time data transmission via GPRS

## Mechanical and Electrical informations

<b>Dimension</b>	135 x 60 x 30mm
<b>Housing</b>	ABS
<b>Color</b>	off-white RAL 9002
<b>Weight</b>	<gr. 200
<b>Protection class</b>	IP54
<b>Supply voltage</b>	2 x1.5V battery AA Size
<b>Current</b>	400mA @ 12V
<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

### Docking Station

## Order Code

3GSCAN-H-01	3GSCAN RFID 13.56MHz
3GSCAN-H-01-G	3GSCAN RFID 13.56MHz WITH GPRS W/O SIM
3GSCAN-H-01-GS	3GSCAN RFID 13.56MHz WITH GPRS WITH SIM
3GSCAN-DTK	3GSCAN DEVELOPMENT KIT
3GSCAN-DS-01-UVC	3GSCAN DOCKING STATION USB VIRTUAL COM

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

## 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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