Bluetooth RFID and Barcode (1D or 2D) Hand Scanner

+ *Features and benefits:*

✓ Reads both laser bar codes and RFID High Frequency tags

✓ 1D laser scanner or 2D imager

✓ High capacity internal rechargeable Li-Poly battery providing up to 30 hrs usage on a single charge reading bar codes every 4 seconds.

✓ Batch mode for collecting data

✓ SmartWedge software for easy data entry

✓ Charge cradle with provision for charging spare battery pack and serial communications with host computer

✓ Replaceable high capacity Li-Poly battery pack

✓ LED, buzzer and vibrator read indicators

✓ Bluetooth compatibility with Windows Mobile 5/6, Windows CE, Windows XP, Vista, Blackberry and others

✓ High frequency industry standard ISO 15693 smart label compliant

✓ Small footprint enclosure - 92×48×50 mm

✓ Support for other 13.56 MHz tags available as an upgradeable option

✓ Software development kit (SDK) available for development of customer applications

✓ Quick change battery pack

✓ Ergonomic design allows dexterity to be maintained

PART NO.

1D Laser Scanner with HF RFID support - 1062-01-BT-HSCAN

2D Imager with HF RFID Support - 1062-03-BT-HSCAN

+ This compact, Bluetooth dual technology RFID and laser bar code scanner is battery operated and communicates wirelessly with a host computer via a standard Bluetooth interface. The hand scanner is compatible with Bluetooth enabled devices running most Windows operating systems as well as other devices such as Blackberries. The Bluetooth interface enables the operator to use the scanner up to 100m from the host computer.

+ The scanner has audible, visual and vibrator indication of a read. The design incorporates either a 1D laser scanner or a 2D imager for reading barcodes. The combination dual technology scanner also provides the ability to read and write to ISO15693 13.56MHz high frequency smart label transponders. The combination scanner is available initially as an Explorer kit which contains the combination scanner, sample ISO15693 13.56 MHz RFID tags, demonstration application, source code and full documentation.

+ The charge cradle also provides charging for a spare battery pack and for serial communications with a host PC for firmware up-grades and downloading of batch collected data. SmartWedge software for a mobile device enables easy integration with form based applications supporting most of the commonly used Control characters.

Scanner/imager	1D Laser scanner or 2D imager
RFID Operating frequency	13.56MHz
Operational time per single battery charge	Approx 20 hrs laser scanning every 15s
(at ambient temperature)	Approx 8 hrs imager scanning every 15s
Battery capacity	1350 mAh
Operating Temperature	-20°C to +50°C (-4 to 122 °F)
Storage Temperature	-30°C to +60°C (-22 to 140 °F)
Charging Temperature	0°C to +45°C (32 to 113 °F)
Relative Humidity	5% to 90% RH Non Condensing
Dimensions	92×48×50 mm (3.6×1.9×2.0 inches)
Weight	92g (3.25 oz)
Drop Specification	Multiple drops to concrete from 5ft
Enclosure material	PC/TPR
Compliance	EN 300 330, EN 301 489, CE, FCC
HF Transponder type supported	ISO15693 compliant tags
Environmental rating	IPx4
Typical HF Read range	Max 5cm (2 inches) using ISO7810 size credit card format transponders

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design - development - manufacture

+ About TSL

TSL designs and manufactures both standard and custom embedded, snap on and standalone peripherals for handheld computer terminals. Embedded technologies include:

- RFID - Low Frequency, High Frequency and UHF
- Bluetooth
- GPRS/GSM
- IrDA
- Contact Smartcard
- Fingerprint Biometrics
- 1D and 2D Barcode Scanning
- GPS
- 802.11 Wi-Fi
- Magnetic Card Readers
- OCR-B and ePassport

Utilizing class leading Industrial design, TSL develops products from concept through to high volume manufacture for Blue Chip companies around the world. Using the above technologies TSL develops innovative products in a timely and cost effective manner for a broad range of handheld devices.

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