

# 1062 **BLUETOOTH**<sup>®</sup> HF RFID & BARCODE HAND SCANNER

## BACK OF HAND RFID READER WITH **BLUETOOTH**<sup>®</sup> TECHNOLOGY



### Wireless communication

This compact, dual technology HF RFID and laser bar code scanner is battery operated and communicates wirelessly with a host computer via a standard *Bluetooth*<sup>®</sup> wireless technology interface.

The hand scanner is compatible with devices running Android, Windows XP/Vista/7/8, Windows CE, or Windows Mobile 5/6/6.5 (the host device must have *Bluetooth*<sup>®</sup> functionality). The *Bluetooth*<sup>®</sup> wireless technology interface enables the operator to use the scanner up to 100m from the host computer.

The lightweight construction and ergonomic design of the 1062 *Bluetooth*<sup>®</sup> HF RFID & Barcode Hand Scanner allows dexterity to be maintained in challenging environments, whilst the rugged design of the scanner means that it can withstand multiple drops to concrete of up to 1.5m (5ft).

### Dual Scanning Technology

The design incorporates a 1D laser scanner 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 charge cradle provides charging for a spare battery pack as well as the main device, and also provides serial communications with a host PC for firmware up-upgrades and downloading of batch collected data.

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. SmartWedge software for mobile devices enables easy integration with form based applications supporting most of the commonly used Control characters.

### Features:

#### High Performance Data Capture

Read both laser bar codes and RFID High Frequency tags in one integrated *Bluetooth*<sup>®</sup> wireless technology device.

#### Hardware Platform Independence

Operates with wide variety of *Bluetooth*<sup>®</sup> wireless technology enabled host devices including touchscreen MP3 players, phones, tablets, Enterprise Handhelds and PCs.

#### OS Independence

Operates with Windows Mobile, WinCE, Windows XP, 7, 8, Blackberry, Android.

#### All day performance

High capacity internal rechargeable Li-Poly battery provides up to 30 hrs usage on a single charge (reading bar codes every 4 seconds). Replaceable high capacity Li-Poly battery pack.

# SPECIFICATIONS

## Physical Characteristics

Dimensions:	92×48×50 mm (3.6×1.9×2.0 inches)
Weight:	92g (3.25 oz)
Enclosure material:	PC/TPR
Colour:	Grey/black
Material finish:	Sparkled surface with moulded shock protectors
Battery Capacity:	1350mAh

## HF RFID Reader

Frequency:	13.56MHz
Read Distance:	Max 5cm (2 inches) using ISO7810 size credit card format transponders
HF Transponder type supported	ISO15693 compliant tags

## Scanner

Bar code engine :	1D Laser scanner
Operational time per single battery charge (at ambient temp.)	Approx 20 hrs laser scanning every 15s

## Environmental

Operating Temp.:	-20°C to +50°C (-4°F to 122°F)
Storage Temp.:	-30°C to +60°C (-22°F to 140°F)
Charging Temp:	0°C to +45°C (32°F to 113 °F)
Humidity:	5% to 90% Relative humidity Non Condensing
Drop Spec:	Multiple drops to concrete from 5ft
Sealing:	IP54

## Regulatory

EMI/RFI:	EN 300 330, EN 301 489, CE, FCC
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# PART NUMBERS

1062-01-BT-HSCAN-SET	1D Laser Bluetooth® Scanner with HF RFID
1062-00-BA-1000	Spare battery, Rechargeable Lithium Polymer
1136-01-4WMS-CHG	4-Slot Battery Charger

# WARRANTY

The TSL 1062 reader is warranted against defects in workmanship and materials for a period of one year (12 months) from date of shipment, provided the product remains unmodified and is operated under normal and proper conditions.

# 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 & UHF
- *Bluetooth*® wireless technology
- Contact Smartcard
- Fingerprint Biometrics
- 1D and 2D Barcode Scanning
- 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.

# CONTACT

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