TECHNOLOGY SOLUTIONS UK LTD
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1062 *BLUETOOTH*® HF RFID & BARCODE HAND SCANNER

BACK OF HAND RFID READER WITH *BLUETOOTH*® 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*® 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*® functionality). The *Bluetooth*® 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*® 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-grades 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*® wireless technology device.

Hardware Platform Independence

Operates with wide variety of *Bluetooth*® 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.

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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:	Sparked 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

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.

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ABOUT

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Technology Solutions UK Ltd (TSL®), part of HID Global, is a leading manufacturer of high performance mobile RFID readers used to identify and track products, assets, data or personnel.

For over two decades, TSL® has delivered innovative data capture solutions to Fortune 500 companies around the world using a global network of distributors and system integrators. Specialist in-house teams design all aspects of the finished products and software ecosystems, including electronics, firmware, application development tools, RF design and injection mould tooling.

TSL® is an ISO 9001:2015 certified company.

ISO 9001: 2015

CONTACT

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ABOUT HID GLOBAL

HID Global powers the trusted identities of the world's people, places and things. We make it possible for people to transact safely, work productively and travel freely. Our trusted identity solutions give **people** convenient access to physical and digital **places** and connect **things** that can be identified, verified and tracked digitally. Millions of people around the world use HID products and services to navigate their everyday lives, and billions of things are connected through HID technology. We work with governments, educational institutions, hospitals, financial institutions, industrial businesses and some of the most innovative companies on the planet. Headquartered in Austin, Texas, HID Global has over 4,000 employees worldwide and operates international offices that support more than 100 countries. HID Global is an ASSA ABLOY Group brand.

For more information, visit www.hidglobal.com.

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