



The 1153 Bluetooth[®] UHF RFID Reader is a compact, lightweight, high performance multifunction data collection device. It is designed to read and write to EPC Class 1 Gen 2 (ISO18000-6C) UHF transponders and communicate with a variety of host devices via Bluetooth[®] wireless technology. The RFID reader chipset is optimised for low power consumption whilst still providing excellent performance in a small and convenient form factor. The UHF RFID Reader includes class leading high performance 2D barcode data scanning to bring unparalleled data collection capabilities to connected devices.

Homologação
02529-16-03092



ANATEL

Compact UHF RFID Data Capture:

Excellent UHF RFID and 2D barcode performance in a small and convenient form factor;

Hardware & OS Independent:

Compatible with iOS, Android[™] and Windows operating systems. Operates with a wide variety of Bluetooth[®] wireless technology enabled host devices including smartphones, tablets, enterprise handhelds, PCs and laptops;

Hands Free:

Designed for functional 'over-the-hand' wearability, allowing users to carry items with both hands, type on a keyboard or even write with a pen;

Long Battery Life:

Optimised for low power consumption to give long run-time.



Memory	Optional Micro SD card (maximum 32GB capacity supported). Up to 500 million date and time stamped EPCs can be stored on a 32GB Micro SD card (separate purchase from alternative supplier)
Compatible Host devices (Bluetooth®)	Any Bluetooth® Host1 supporting the Serial Port Profile (SPP) or Human Interface Device (HID) profile (Android, iOS, Linux, Mac, Windows)
Standards supported	EPC Class 1 Gen 2
Frequency Range	UE: 865-868 MHz / EUA: 902-928 MHz BR: 902-907 MHz e 915-928 MHz ANATEL
Field	150-degree forward facing (approx.) measured from front of device
Maximum Output Power	Up to 25 dBm (region dependant) + 1.0 dBiC Antenna
Antenna	Internal Circularly Polarized
Nominal read range	Up to 2 m
Nominal write range	Up to 1 m

Electrical

Power	Removable, rechargeable 3.7 V, 1200 mAh, 4.5 Wh Lithium Polymer battery pack
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Physical

Dimensions	102 x 55 x 56 mm
Weight (inc battery)	157 g

Environmental

Operating Temperature	-10°C to 40°C
Charging Temperature	5°C to 40°C
Storage Temperature	Less than 1 month at at -20 to +60°C (-4°F to 140°F). Less than 3 months at -20°C to +45°C (-4°F to 113°F). Less than 1 year at -20°C to +30°C (-4°F to 86°F).
Humidity	5% to 85% non-condensing
Environmental Sealing	IP54

Purchase Codes:

500.946: TSL-1153 2D UHF Reader

Accessory Purchase Codes:

xxx.xxx: Arm Mount for the 1010 RFID Reader | xxx.xxx: Swivel Mount for the 1010 RFID Reader | xxx.xxx: Spare Battery for the 1010 UHF Reader | xxx.xxx: Slot Battery Charger