

TSL 1128 BLUETOOTH® UHF RFID READER WIRELESS ENABLED READER

This Bluetooth UHF RFID Reader 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.

Highlights

- Simple pre-configured ASCII 2.0 commands
- Highest levels of flexibility currently available
- UHF RFID and 2D barcode data capture in one integrated device.
- Operates with wide variety of Bluetooth wireless technology enabled host devices
- Operates with Android, iOS, Windows 10, 8, 7, Vista, XP, Windows Mobile, Windows CE, and Windows Phone.
- Removable high capacity Micro SD data card
- Unique interchangeable high performance antennas
- Integrated Motorola SE4500 imaging engine

Specifications

- Product number: 515607
- Dimensions: 6.29" L x 3.03" W x 6.65" H (16 L x 7.7 W x 16.9 cm H) – Trigger handle
6.29" L x 3.03" W x 3.82" H (16 L x 7.7 W x 9.7 cm H) – Slimline handle
- Weight: 0.84 lbs (13.4 oz) including battery & trigger
- Power: Removable, rechargeable 4.2 volt Lithium Polymer 2400 mAh battery pack, 8.9 watt hrs
- Environmental sealing: IP54
- Operating temperature: 14° to 104° F (-10° to 40° C)
- Charging temperature: 41° to 104° F (5° to 40° C)
- Storage temperature: Less than a month at -4° to 113° F (-20° to +45° C), Less than 6 months at -4° to 95° F (-20° to +35° C)

¹Tag read/write performance is dependent on tag type, items tagged, number of tags in the field and other radio and environmental factors.



RFID Performance

- Standards supported: EPC Class 1 Gen 2
- Nominal read range¹: Up to 23 ft (7m)
- Nominal write range¹: Up to 6.5 ft (2m)
- Field: 150 degree forward facing (approx.)
- Antenna: Detachable, Circularly Polarized with optional 2D scanner
- Frequency range: 902-928 MHz
- Output power: 29 dBm
- Antenna options: High Performance CP, High Performance CP with 2D Imager, Customer antennas available

Barcode scanning

- Imager: Motorola SE4500 2D imager
- Sensor resolution: 752 x 480 Pixels
- Field of view: 40° Horizontal, 25° vertical
- Focal distance: 8" SR, 5.3" DL, 2.9" HD
- Aiming LED (VLD): 655 ± 10 nm Laser
- Illumination: 625 ± 5 nm LEDs (2x)
- Min. print contrast: 25%
- Symbolologies supported: 1D - All major codes
2D - PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode
Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)