HANDHELD RFID SCANNERS FROM BOWE IQ

> **IMPROVED INVENTORY MANAGEMENT**
> **HIGHLY ACCURATE ASSET TRACKING**
> **HUGE REDUCTION IN LOST/MISPLACED ITEMS**
> **UP-TO-DATE STOCK LEVEL INFORMATION**
> **REDUCED LABOUR COSTS**
> **SEAMLESS SYSTEMS INTEGRATION**
> **ENHANCED SECURITY**

One of our most popular handheld RFID scanners is the Zebra RFD40 UHF RFID Standard Sled, the perfect partner for the Zebra TC21/T26 Touch Computer. Capable of reading 1300+ tags per second within a 6+ metre read range, this scanner is ideal for use in manufacturing, logistics, construction and retail.

With a 1.5 metre drop to concrete specification and a 500-cycle tumble specification, its strong durability means it is tailor-made for harsh industry environments. Its ruggedness is further enhanced by a dust and water protection sealing and extended operating temperature range. The 7000 mAh battery can be swapped in seconds without removing the mobile computer.

With BOWE IQ software installed onto the touch computer, this highly efficient scanner is transformed into an invaluable mobile device that provides clear next-step instructions to operators.

BOWE IQ

SPECIFICATIONS

ZEBRA

ZEBRA RFD40 UHF RFID STANDARD SLED

PHYSICAL CHARACTERISTICS

Dimensions:
15.1 cm H x 8.4 cm W x 16.65 cm L
5.94 in H x 3.3 in W x 6.5 in L

Weight: ≃541 grams / ≃19.1 oz (sled with battery)

Power: Quick-Release, PowerPrecision+ Li-Ion 7000 mAh battery

Notification: Decode LEDs; Battery Status LED; Beeper

User Input: Tri-Function User Programmable Trigger

RFID PERFORMANCE

Standards Supported: EPC Class 1 Gen 2; EPC Gen2 V2

RFID Engine: Zebra Proprietary Radio Technology

Fastest Read Rate: 1300+ tags/sec

Nominal Read Range: ≃6+ m / ≃19.7+ ft

Frequency Range and RF System Output:
US: 902-928MHz; 0 – 30 dBm (EIRP)
EU: 865-868MHz; 0 – 30 dBm (EIRP)
916.3, 917.5, and 918.7 MHz; 0 30 dBm (EIRP)
Japan: 916-921MHz (w LBT), 0 – 30 dBm (EIRP)

USER ENVIRONMENT

Drop Specification: Multiple 1.5 m / 5 ft drops to concrete

Tumble Specification:
500 cycles (1000 drops, 0.5 m / 1.6 ft) at room temperature

Operating Temperature: -10°C to 50°C / 14°F to 122°F

Storage Temperature: -40°C to 70°C / -40°F to 158°F

Humidity: 5-85% non-condensing

Electrostatic Discharge:
+/-15kV air discharge
+/-8kV direct discharge
+/-8kVdc indirect discharge

Sealing: IP54

COMMUNICATION

Host Connection:
eConnex™ (Electric 8-pin Connection)
USB-C Cable
USB Cable Cup

Host Computer:
Zebra mobile computers and tablets
Windows-Based PCs

Mobile Computer Adaptors: eConnex™

ACCESSORIES

Cradles and Charging:
Cable Cup
USB-C Cable
USB Wall Brick for USB-C Cable and Cable Cup
1-Slot Charging Cradle
1-Slot Charging and USB Cradle
Multi-Slot Charging Cradle
Multi-Slot Charging and Ethernet Cradle
4-Slot Battery Toaster

Other Accessories:
eConnex™ Adaptors for Supported Zebra Mobile Computers
Battery Locking Foot
Belt Holster

REGULATORY

EMI/EMC:
FCC Part 15 Subpart B Class B; ICES 003 Class B;
EN 301 489-1; EN 301 489-3; EN 55035; EN 55032 Class B;
EN 60601-1-2

Electrical Safety:
IEC 62368-1 (ed.2)
IUL 62368-1, second edition, CAN/CSA-C22.2
No. 62368-1-14

RF Exposure:
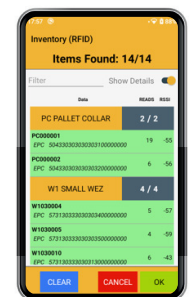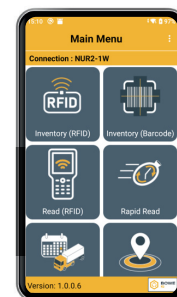EU: EN 50364, EN 62369-1, EN 50566, EN 62311;
USA: FCC Part 2. 1093 OET Bulletin 65 Supplement 'C';
Canada: RSS-102

RFID:
EU EN 302 208, FCC Part 15 Subpart C; Canada: RSS-247

The BOWE IQ mobile app features a host of functions for inventory counting, asset commissioning, locating, and reporting.

CONTACT US TO DISCUSS:

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