



# 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**

Thanks to its lightweight ergonomic design, advanced RFID read performance, and powerful and secure Android platform, the Zebra MC3330xR UHF RFID Reader is consistently a top pick among our customers.

Built for easy one-handed use by both right- and left-handed operators, the large touchscreen and keypad ensure hassle-free data entry. This rugged scanner also boasts a 1.5 metre drop specification and IP54 sealing, resulting in continued reliable operation despite the inevitable drops onto concrete and prolonged use in dusty or damp environments.

Reliability is further enhanced by its integrated circular antenna that can capture tags up to 6 metres away, regardless of angle. The MC3330xR is also capable of scanning barcodes, including those that are poorly printed or damaged.

With the BOWE IQ mobile app added, the scanner will provide clear next-step instructions to operators – saving even more time, minimising errors, and keeping training costs down.



**BOWE**  
**IQ**

# SPECIFICATIONS



## ZEBRA MC3330XR UHF RFID STANDARD RANGE

### PHYSICAL CHARACTERISTICS

**Dimensions:**

164 mm L x 75 mm W x 211 mm D  
6.45 in L x 2.95 in W x 8.31 in D

**Weight:** 680 g / 24 oz (with handstrap)

**Display:** 4-inch (800 x 480) WVGA; colour display

**Imager Window:** Corning® Gorilla® Glass

**Touchpanel:**

Corning® Gorilla® Glass touch panel with air gap; supports dual input mode with finger, gloved finger and stylus (conductive stylus sold separately)

**Backlight:** LED backlight

**Expansion Slot:**

User accessible MicroSD with 32 GB SDHC and up to 512 GB SDXC

**Network Connections:**

USB 2.0 High Speed (host and client), WLAN 802.11 a/b/g/n/ac and Bluetooth

**Notification:** Side LEDs and audible tone

**Keypad:**

Numeric (29 key), Function Numeric (38 key), Alpha Numeric (47 key)

**Voice:**

PTT Express and Workforce Connect PTT Pro (Internal speaker, microphone and Bluetooth wireless headset support)

**Audio:** Built-in speaker and microphone

### USER ENVIRONMENT

**Operating Temperature:** -20° C to 50° C / -4° F to 122° F

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

**Humidity:** 5% to 95% RH (non-condensing)

**Drop Specifications:**

Multiple 1.5 m / 5 ft drops to concrete over the entire operating temperature range

**Tumble Specification:** 1,000 0.5 m / 1.6 ft tumbles

**Sealing:** IP54

**Vibration:**

Sine: 4g peak, 5 Hz to 2 kHz

Random: .04g<sup>2</sup>/Hz, 20 Hz to 2 kHz

**Thermal Shock:** -40° C to 70° C / -40° F to 158° F

**Electrostatic Discharge (ESD):**

+/- 15 kV air, +/- 8 kV contact discharge

+/- 8kV indirect contact discharge

### PERFORMANCE CHARACTERISTICS

**CPU:** Qualcomm Snapdragon™ 660 octa-core 2.2 GHz

**Operating System:** Upgradeable to Android 14

**Memory:** 4 GB RAM/32 GB Flash Memory

**Power:** All models ship with rechargeable Li-Ion, 3.6V, 7000 mAh PowerPrecision+ battery; full charge under five (5) hours; hot swap support with temporary WLAN/Bluetooth session persistence.

Backwards compatibility with 5200 mAh (2X) batteries

### INTERACTIVE SENSOR TECHNOLOGY (IST)

**Motion Sensors:** 3-axis accelerometer with MEMS gyroscope

### RFID

**Standards Supported:** EPC Class 1 Gen2; EPC Gen2 V2; ISO-18000-63

**RFID Engine:** Zebra Proprietary Radio Technology

**Fastest Read Rate:** 900+ tags/sec

**Nominal Read Range:** ~6+ m / ~19.7+ ft

**RFID Power Output:** 0 dBm to +30 dBm

**RFID Antenna Type:** Integrated Circular Polarised

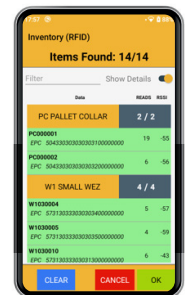
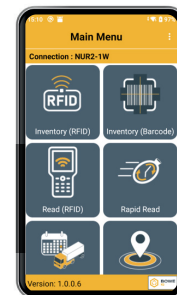
**Frequency Range:** UHF 865-928MHz

\*Specific regional and country settings supported upon country selection

### BARCODE SCANNING

**Scan Engine:** SE4770 with LED Aimer

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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