



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

Fully drop-tested and IP65 rated, the ruggedised handheld RFID scanners from BOWE IQ are built to withstand harsh environments. They are therefore ideal for use in industries like manufacturing, logistics, and construction. Capable of reading up to 1000 tags per second, they are also popular in retail.

Dipole antennas offer an extended read range of a multitude of RFID labels, and the scanners can also read all major 1D and 2D barcodes. With battery hotswap functionality, it only takes a matter of seconds to replace the battery. Visual (LED) and haptic (vibration) feedback further enhance the user experience.

Purchased together with BOWE IQ software, these handheld scanners are transformed into invaluable mobile devices that provide easy-to-follow instructions to the user on the necessary real-time actions required.



BOWE
IQ

SPECIFICATIONS



HH83 RFID ACD:

Scans barcode, NFC, HF & UHF RFID labels.
LTE model available.



Dimensions: 83 mm (W) x 212 mm (H) x 133 mm (D)

UHF RFID IDENTIFICATION

ISO Compliance Standards: ISO 18000-63 (EPC Class 1Gen2v2)
Frequency: ETSI 865.6-867.6 MHz or FCC/IC 902-928 MHz
RF Radiated Power: Max. ERP 2 W (33dBm) / EIRP 3.3 W (35.2dBm)
Adjustable in 1dB steps
Antenna Features: Software controllable antenna polarisations
Maximum Receive Sensitivity: -80dBm
Reading Speed: Up to 1000 tags per second

BARCODE IDENTIFICATION AND IMAGING

Bar Code Type:
All major 1D barcodes and 2D codes
High visibility LED aimer
2 characters pre and post fixes, padding replacement
Enhanced aiming mode (automatic switching between scan line/aiming dot)
Configurable scan alert sounds
Camera: 5 Mpx rear facing camera with auto focus and LED flash

CONNECTIVITY

Connectivity Options: Wireless 802.11 a/b/g/n/ac, Bluetooth, USB 2.0
LTE models: 4G, 3G, GPRS/EDGE, Bluetooth, Wireless, 802.11 a/b/g/n/ac, USB 2.0
RFID Capabilities: NFC/HF and UHF

ENVIRONMENT

Operating Temperature: -20°C to 55°C
Operating Humidity: 10%-95% (non-condensing)
Ingress Protection Rating: IP65

USER INTERFACE

Display: Gorilla glass, 3 HD Colour Capacitive Touch Screen
User Interface Type: Touchscreen, Buttons
Audio: Earpiece, Integrated handsfree speaker, Microphone
On Screen Indicators: RGB LED, Vibration for haptic feedback



HH85 RFID ACD:

Scans barcode, NFC, HF & UHF RFID labels.
With rubber bumpers and a pistol grip. LTE model available.

Dimensions: 87 mm (W) x 214 mm (H) x 135 mm (D)

PLATFORM

Scanner Model: Nordic ID NUR2-1W reader
Central Processing Unit (CPU): Octa-core ARM Cortex-A53 1.8GHz
Operating System: Android 10
Internal Memory: 2GB RAM, 16GB Flash, MicroSD slot with support for SDXC cards
Sensor: Accelerometer, Ambient light sensor, Gyroscope, Pedometer, Proximity sensor, Time of flight sensor

WEIGHT

HH83 RFID ACD: 0.515 kg
HH85 RFID ACD: 0.642 kg

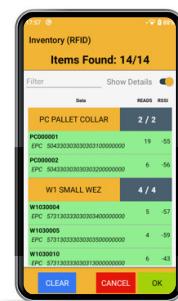
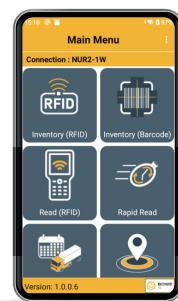
POWER

Battery Type: Rechargeable Lithium-ion Battery
Battery mAh Rating:
HH83 RFID ACD: 6700 mAh
HH85 RFID ACD: 10050 mAh
Back-up Battery: For real-time clock: keeps time for 200 days
Power Supply Voltage: 100 - 240 V @ 50 - 60 Hz

DROP AND SHOCK

Drop Test: up to 1.6 metres

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



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