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**

The ruggedised Brady HH86 RFID scanner is the perfect handheld reader for continuous use in challenging industrial environments. Fully drop-tested and built to withstand dust and moisture, this scanner is at home in any warehouse, production facility, or construction site.

The HH86 instantly replaces error-prone manual processes with slick, cost-effective operations by enabling fast and precise barcode and RFID (NFC, HF, UHF) scanning. In fact, its circular polarised antennas are capable of reading up to 1200 tags per second within 10 metres, irrespective of tag orientation. Rubber bumpers and pistol grip make for easy handling, while LEDs, sounds and vibrations contribute further to a highly positive user experience.

With intelligent BOWE IQ software installed, efficiency gains are amplified through clear next-step instructions to the user, automated workflows, and seamless integration with existing systems.

BOWE IQ

SPECIFICATIONS

BRADY

HH86 SCANNER:

Reads barcodes and NFC, HF & UHF RFID labels

SIZE AND WEIGHT

Dimensions: 87 mm (W) x 214 mm (H) x 135 mm (D)
Weight: 0.642 kg

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 0.8W (29dBm) / EIRP 1.3W (31dBm)
Adjustable in 1dB steps
Antenna Features: Circular polarisation with 4dBic gain
Maximum Receive Sensitivity: -80dBm
Reading Speed: Up to 1200 tags per second

BARCODE IDENTIFICATION AND IMAGING

Bar Code Type:
Codabar, Codabar (NW-7), Code 11, Code 39, Code 93, Code 128, GS1-128, GS1 DataBar, Industrial 2 of 5, Interleaved 2 of 5, S-code, China Post, ISBN-ISSN-ISMN, MSI, Plessey, Telepen, POSTNET, EAN-13, EAN-13 Extension 2, EAN-13 Extension 5, EAN-8, EAN-8 Extension 2, EAN-8 Extension 5, EAN/UPC, EAN, UPC Extension 2, EAN/UPC Extension 5, JAN-13, JAN-13 Extension 2, JAN-13 Extension 5, JAN-8, UPC-A, UPC-D 6 digit, UPC-E, UPC-E 11 digit, UPC-E0, UPC-E1 6 digit
Camera: 16 Mpx rear facing camera with auto focus and LED flash

CONNECTIVITY

Connectivity Options: Wireless 802.11 a/b/g/n/ac, Bluetooth® 5.1, USB 2.0, LTE, UMTS, GSM/EDGE, GNSS
RFID Capabilities: NFC/HF and UHF

PLATFORM

Scanner Model: Nordic ID technology by Brady NUR3-1W engine
Central Processing Unit (CPU): Quad Kryo 260 Gold 2.0GHz and Quad Kryo 260 Silver 1.8GHz
Operating System: Android 13; Upgradable to Android 14
Sensor: Accelerometer, Ambient light sensor, Gyroscope, Pedometer, Proximity sensor

POWER

Battery Type: Rechargeable Lithium-ion Battery
Battery mAh Rating: 10050 mAh
Backup Battery: For real-time clock; keeps time for 200 days
Power Supply Voltage: 100 - 240 V @ 50 - 60 Hz

ENVIRONMENT

Operating Temperature: -20°C to 55°C
Operating Humidity: 10%-95% (non-condensing)
Ingress Protection Rating: IP65
Drop Test: Resistant to 1.6 metre drops

USER INTERFACE

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

THE BOWE IQ SOFTWARE EFFECT

While BOWE IQ's handheld scanners are available as a standalone product, they really come into their own when embedded into an intelligent BOWE IQ Cloud software ecosystem with all the necessary functions for asset tracking, inventory management, work-in-process, and/or workflow design. Its versatility also means that customers can start with a basic installation and easily scale upwards as needs evolve.

CONTACT US TO DISCUSS:

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