



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 Brady EXA81 is a highly accurate, ruggedised RFID and barcode sled reader onto which any smartphone or tablet can be easily mounted. Capable of reading up to 1000 items per second within 15 metres, it will immediately streamline operations in your warehouse, production facility, construction site, or shop floor.

The sled can be connected to the mobile device with Bluetooth or USB and used for 24 hours on a single charge. Sounds, visuals, and an ergonomic pistol grip contribute further to the positive user experience.

With intelligent BOWE IQ software installed, efficiency gains are amplified through automated workflows, clear next-step instructions to the user, and seamless communication with the Warehouse or Asset Management System (WMS/AMS) or Enterprise Resource Planning (ERP) System.



BOWE
IQ

SPECIFICATIONS



EXA81 - READS UHF RFID, BARCODES AND 2D CODES

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)
Maximum Receive Sensitivity: -85dBm
Reading Speed: Up to 1000 tags per second

BARCODE IDENTIFICATION

Barcode Type:
Code 11, Code 39, Code 93, Code 128, GS1-128, GS1 DataBar, Interleaved 2 of 5, Codabar (NW-7), MSI, Plessey, Telepen, China Post, POSTNET, EAN/UPC, JAN-13, JAN-8, Industrial 2 of 5, ISBN-ISSN-ISMN, S-code, Aztec, Data Matrix, GS1 DataMatrix, MaxiCode, PDF417, MicroPDF417, QR code, Aztec Runes, Chinese Sensible Code, Composite Code, Passport MRZ

USER INTERFACE

Device Indicators:
Buzzer for sound indications, Power LED, Connection LED, Scan LED, Segmented LED bars
User Interface Type: Buttons

CONNECTIVITY

Connectivity Options: Bluetooth® 5.3 class 2, USB-C
RFID Capabilities: UHF

SIZE AND WEIGHT

Weight: 0.580 kg
Dimensions: 214.4 mm (W) x 98.5 mm (H) x 86 mm (D)

ENVIRONMENT

Ingress Protection Rating: IP65
Operating Temperature: -20°C - 55°C
Storage Temperature: -20°C - 60°C
Charging Temperature Range: 0° - 45°C
Drop Test: Resistant to 1.8 metre drops
ESD: Contacts: +/-4kVdc, Air discharge: +/-8kVdc
Mounting Type: Quad Lock, Screws

POWER

Shipped with Battery: Yes (installed in equipment)
Battery Type: Lithium-ion Battery
Battery mAh Rating: 10050 mAh
Charging Times:
Charging over cradle (0-100 %) 4 h; Charging over USB-C connector (0-100 %) 4-10 h

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:

T +44 (0)1484 556996 E sales.iq@bowe.com

bowe.com/iq

BOWE IQ, Underbank Mills, Dunford Road, Holmfirth, West Yorkshire HD9 2AR



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