YOUR DEVICE, NOW WITH RFID
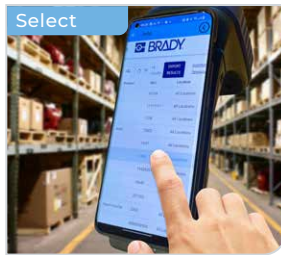
BRADY EXA81

RFID and barcode sled reader
for mobile devices

Seek without searching. No line of sight required

Scan

Select

Home in

EMPOWER YOUR DEVICE

MOUNT ANY SMARTPHONE OR TABLET

CONNECT WITH BLUETOOTH OR USB

HOME IN ON ANY ITEM

Your device. Your apps.
Find any RFID-labelled asset in seconds.

- ► Read 1000+ items per second within 15 metres
- ► Read UHF RFID, barcodes and 2D codes
- ► Use 24 hours on a single charge
- ► Pair via Bluetooth 5.3 or USB-C
- ► Universal mounting with screws or Quad Lock
- ► Read and scan quickly with ergonomic pistol grip

The EXA81 ▷ ONE READER. ALL WORKFLOWS.

Fast and accurate inventory

▶ Inventory all RFID-tagged items within ranges up to 15 metres in 1 second

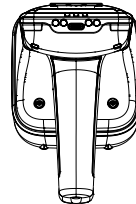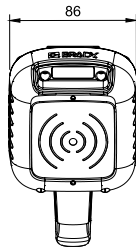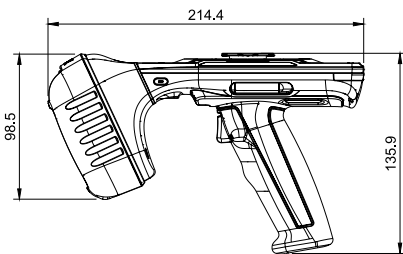▶ Gain real-time inventory visibility

▶ Restock efficiently

Locate critical assets

▶ See all assets within 15 metres

▶ Filter maintenance ready assets

▶ Select and home in for interventions

Process orders faster

▶ See picking list items within 15 metres

▶ Home in with sounds and visuals

▶ Check inventories while walking

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
Antenna Features	Gain 5 dBi with software-controlled polarisation switching
BARCODE IDENTIFICATION	
Bar Code 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
PLATFORM	
Operating System	Nordic ID Technology IoT platform by Brady
RFID Capabilities	UHF
SIZE AND WEIGHT	
Weight (kg)	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 (°C)	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
Battery Type	Lithium-ion Battery
How Is Battery Shipped	Shipped installed in equipment
Battery mAh Rating	10050 mAh
Charging Times	Charging over cradle (0 - 100 %) 4 h, Charging over USB-C connector (0 - 100 %) 4–10 h

Product options

Article No.	Order Reference	Description
321710	B-EXA81-EU	Brady EXA81 RFID Reader EU
321711	B-EXA81-US	Brady EXA81 RFID Reader US
321712	B-EXA81-AU	Brady EXA81 RFID Reader AU

Accessories

Article No.	Order Reference	Description
309995	HH83-85-DTC-KIT-EU	HH83 - HH85 Desktop Charger Kit
311030	HH83-DTC-KIT-UK	HH83 Desktop Charger Kit Spare Batt UK
311031	HH83-85-CHRGR-US	HH83 DT Charger Kit Spare Batt US
311032	HH83-4U-DTC-KIT-EU	HH83 4-Bay Desktop Charger 4 Batt slots EU
311033	HH83-4U-DTC-KIT-UK	HH83 4-Bay Desktop Charger 4 Batt slots UK
311034	HH83-4U-DTC-KIT-US	HH83 4-Bay DT Charger 4 Batt slots US
320057	B-HH85-Batt-Pistol	Brady HH85 Battery 10050mAh Pistol grip cover
321899	QL-Adapt-EXA31-81	Quad lock Universal Adaptor for EXA31 and EXA81
323494	B-HH86-adapter-USB	Wall Adapter HH86 US-EU-UK-AU

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