

UHF Smart Android RFID Handheld Reader

SBH-U25

SBH-U25 is a compact UHF RFID reader with a built-in antenna, operating in the 865–867 MHz range and supporting ISO 18000-6C and EPC Class 1 Gen 2 standards. It features Bluetooth connectivity for easy pairing with any Bluetooth-enabled device and includes a developer-friendly API, SDK, and an Android app with source code. Its portable design and quick integration make it ideal for mobile RFID applications.

Features and Benefits:

- Ultra-Low Power Consumption with Smart Sleep Mode
- Fast Charging for Minimal Downtime
- Up to 6 Hours of Continuous Operation on a Single Charge
- Supports Desktop Reader Mode for Versatile Use



Applications:

- Inventory & Asset Management
- Logistics & Warehouse Operations
- Retail Stocktaking & Anti-Theft
- Field Service & Equipment Inspection

<u>SPECIFICATIONS</u>	
Physical Parameters	
Dimension	69×117×25 mm
Weight	150 gms approx.
Colour	Blue/Grey/Black
Technical Parameters	
Operating Frequency	China (GB Standard): <ul style="list-style-type: none"> • 920–925 MHz (Primary) • 840–845 MHz (Optional) Europe (ETSI Standard): <ul style="list-style-type: none"> • 865–868 MHz (Optional) India (TEC-Compliant Frequency Band): <ul style="list-style-type: none"> • 865–867 MHz
Antenna	Inbuilt
Protocol	EPC Class 1 Gen2 (ISO 18000-6C)
Charging Time	3 to 4 hours
Charging voltage	5 VDC
Read Range	300 to 500 mm
Interface	Bluetooth 4.0
Operating Temp	-10°C to +50°C

Soochak Bharat, with its technical expertise in RFID technology, focuses on designing, developing, innovating, and deploying RFID hardware solutions.

*Read range is dependent on tag, antenna design and live location environmental factor.

*Soochak Bharat reserves the right to make changes in the above specifications without notice.

SOOCHAK BHARAT TECHNOLOGIES PRIVATE LIMITED