

## 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>	
<b>Physical Parameters</b>	
Dimension	69×117×25 mm
Weight	150 gms approx.
Colour	Blue/Grey/Black
<b>Technical Parameters</b>	
Operating Frequency	<b>China (GB Standard):</b> <ul style="list-style-type: none"> <li>• 920–925 MHz (Primary)</li> <li>• 840–845 MHz (Optional)</li> </ul> <b>Europe (ETSI Standard):</b> <ul style="list-style-type: none"> <li>• 865–868 MHz (Optional)</li> </ul> <b>India (TEC-Compliant Frequency Band):</b> <ul style="list-style-type: none"> <li>• 865–867 MHz</li> </ul>
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.