

Wireless RFID Card Android IOS USB Fingerprint Reader

SBBM-USB25

SBBM-USB25 is a Compact biometric reader with BLE and USB connectivity, built-in lithium battery, and anti-spoofing technology. Designed for mobile and desktop environments across Android, iOS, and Windows platforms. Its capacitive sensor and leather-textured surface ensure accurate and secure fingerprint capture for attendance and identity systems.

Features and Benefits:

- Dual BLE and USB/Micro-USB connectivity for wide compatibility
- Built-in 3.7V rechargeable lithium battery (1000mAh) for portable use
- Fast fingerprint verification in under 1 second
- Capacitive sensor with 508 DPI, 12.8mm × 18mm sensing area
- Live finger detection with leather anti-spoof coating
- Stores up to 1000 fingerprint templates
- High security: FAR ≤ 0.0001%, FRR ≤ 0.01%
- Anti-static protection up to 15kV (IEC6100-4-2 standard)
- Supports ISO, ANSI, JPG, WSQ image formats
- Reads Mi fare & NFC cards (13.56 MHz); custom options available
- Compatible with Android, iOS, Windows, Linux 32-bit

Applications:

- Employee time and attendance tracking
- Secure access control for mobile workstations
- Identity verification at point-of-sale systems
- Patient check-in in healthcare environments
- Visitor management in office or school lobbies

SPECIFICATIONS

Physical Parameter

Dimensions (in mm)	225mm X 225mm X 55mm
Colour	White
Weight	0.85 Kg approx.
Packaging Material	ABS Plastic
Protection Level	IP65

UHF Technical Parameters

Communication	BLE and USB/ Micro-USB
Working voltage	Built-in 3.7V lithium battery (1000mAh)
OS	Android and Windows, IOS, Linux 32
Fingerprint Collection	Rejects Fake fingers, Does Live Scan
Fingerprint Sensor Capacity	1000 Templates
FRR	0.01%
FAR	0.0001%
Fingerprint Verification Time	<1 s
Fingerprint Sensor	Capacitive Sensor 12.8mm*18mm imaging area 256*360-pixel array 508 DPI, 8 bits per pixel
Anti-static electric capacity	IEC6100-4-2 standard 15KV
Image Format	Support ISO, ANSI template standard, & JPG, WSQ image
Supporting Cards	Mi fare card (13.56MHz card), NFC type A card, another required card can be customized.

Environmental parameters

Operating Temperature	-20°C to +70°C
Operating Voltage	DC, 9-32 V
Storage Temperature	-40°C to +85°C
Working Humidity	10% to 95% RH No condensation

*Read range is dependent on tag size and design.

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

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

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