

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 (1000mA)
OS	Android and Windows, IOS, Linux 32
Fingerprint Collection	Rejects Fake fingers, Does Live Scan
Fingerprint Sensor Capacity	1000 Templets
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

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 size and design.

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

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