Desktop ISO14443 RFID Bluetooth Reader

SBD-H25-43B

The **SBD-H25-43B** is a cost-effective, high-security, contactless RFID desktop reader developed in-house by our company. It features Bluetooth communication technology and supports power via a USB interface. Designed with multiple reliability safeguards, the device offers fast and sensitive card reading and writing, strong error correction, and excellent anti-collision performance. It comes with a versatile, multi-platform, and multi-language SDK to support seamless secondary development. The reader is also compatible with similar terminals from major domestic manufacturers and can be customized to meet specific client requirements.

Features and Benefits:

- Supports ISO14443 Type A/B, ISO7816, NFC, CPU, and national tags
- Compatible with ISO7816 & EMV SAM cards for secure authentication
- Bluetooth communication for smartphones, PDAs, tablets
- Bluetooth keyboard mode for iOS and Android
- Built-in high-capacity battery with fast charging (18+ hours of operation)
- Power switch for battery control
- High sensitivity, fast read/write, strong anti-collision & error correction
- Cross-platform development support
- Includes SDK, sample programs, and test tools for secondary development

Applications:

- Mobile Identity Verification
- Secure Access Control
- Smart Payment Systems
- e-Government Services
- Transport & Ticketing Solutions

SOOCHAK BHARAT TECHNOLOGIES PRIVATE LIMITED

Plot No 156, Khasra No 306, Vandana Enclave, Khoda Colony, Ghaziabad, Uttar Pradesh, 201309
Mobile: - 80767 02201| sales@soochakbharat.com | www.soochakbharat.com

SPECIFICATIONS

Physical Parameter	
Dimensions (in mm)	125mm X 100mm X 30mm
Colour	White
Weight	200 grams approx.
Packaging Material	ABS Plastic
UHF Technical Parameters	
Protocol	ISO14443 Type A, ISO14443 Type B, ISO7816, ISO/IEC 18092
Operating Frequency	13.56 MHz
Antenna	Inbuilt
Power Consumption	<0.2 W
Inductive Card	**CPU cards compatible with ISO14443 Type A/B, such as:** • MI fare S50, MI fare S70, MF1ICL10 • MI fare Pro, MI fare DESFire, MI fare Ultralight • SLE44R31, SLE66CL series, AT88RF020 • SHC1108, FM11RF08, FM1208, etc. **NFC tags compliant with ISO/IEC 18092, including:** • PN532, FM11NT020 **One contact CPU card compliant with ISO7816 standard**
Status Display	Bi-colour LED Indicator for Power and Communication Status
Interface	USB/Bluetooth
Read Range	Up to 10 cm
Environmental Parameters	
Operating Temperature	-20°C to +70°C
Operating Voltage	5 VDC (USB)
Storage Temperature	-30℃ to +85℃
Working Humidity	10% to 90% 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.

SOOCHAK BHARAT TECHNOLOGIES PRIVATE LIMITED

Plot No 156, Khasra No 306, Vandana Enclave, Khoda Colony, Ghaziabad, Uttar Pradesh, 201309
Mobile: - 80767 02201| sales@soochakbharat.com | www.soochakbharat.com