

Desktop Style ISO14443 RFID Multi-Unity Reader

SBD-H25-43U

The **SBD-H25-43U** is a high-frequency (13.56MHz) desktop RFID reader that supports standard protocols, including ISO14443 Type A, ISO14443 Type B, and ISO15693. It features high reliability, strong sensitivity, fast card reading/writing, robust error correction, and anti-collision capabilities. The device comes with multi-language development kits and offers comprehensive interface functions, making it ideal for secondary development. It is also compatible with similar terminals from major manufacturers and can be customized based on user requirements.

Features and Benefits:

- Supports ISO15693, ISO14443 A/B, ISO/IEC 18092, and ISO7816 standards
- USB plug-and-play with HID protocol (no driver needed)
- High sensitivity, fast read/write, strong error correction and anti-collision
- Compatible with multiple development platforms
- Includes SDK, sample code, and test tools for easy integration



Applications:

- Access Controls
- Smart Card Issuance
- Library & Asset Management
- Healthcare & Patient ID
- Secure Payment & Ticketing

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	ISO15693, ISO14443 Type A/B, ISO7816, ISO/IEC 18092
Operating Frequency	13.56 MHz
Antenna	Inbuilt
Power Consumption	<0.2 W
Inductive Card	Electronic tags compliant with ISO15693 standard CPU and IC cards supporting ISO14443 Type A/B NFC tags compliant with ISO/IEC 18092 standard One contact CPU card compliant with ISO7816 standard
Status Display	Bi-colour LED Indicator for Power and Communication Status
Interface	USB
Support Operating System	Windows/98/2000/XP/Vista/7/Linux/Android
Read Range	Up to 5 cm
Environmental Parameters	
Operating Temperature	-20°C to +70°C
Operating Voltage	5 VDC (USB)
Storage Temperature	-30°C to +85°C
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.

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