

Desktop ISO14443 RFID Reader

SBD-H25-43

The **SBD-H25-43** is a high-performance, highly reliable IC card reader independently developed by our company. It features advanced plug-and-play USB-driven core technology based on the HID protocol, enabling seamless connectivity with PCs and related devices via a USB port—no additional power supply is needed, ensuring convenient operation and easy maintenance. The device supports the **ISO14443 Type A/B** standard and incorporates a non-blind zone design along with anti-collision technology, allowing efficient multi-card reading and writing. Custom development can be provided based on specific customer requirements.

Features and Benefits:

- Complies with ISO14443 Type A/B standard
- Optimized for various compatible card operations
- Built with high-integration RFID chips and powerful microprocessors
- USB plug-and-play (HID protocol), no driver required
- High security, strong anti-interference, and economical design
- Fast, sensitive card reading with anti-collision for multi-card handling
- Stable performance, user-friendly, and cost-effective



Applications:

- Access Control
- Attendance Management
- Cashless Payment
- Library & Asset Management
- Membership & Loyalty Programs

SPECIFICATIONS

Physical Parameter	
Dimensions (in mm)	110mm X 70mm X 19 mm
Colour	White
Weight	200 grams approx.
Packaging Material	ABS Plastic
UHF Technical Parameters	
Protocol	ISO14443 Type A, ISO14443 Type B
Support Operating System	Windows/98/2000/XP/Vista/7/Linux
Operating Frequency	13.56 MHz
Antenna	Inbuilt
Communication Current	0-130 mA
Power Consumption	<0.5 W
Reading Method	Active/Passive
Status Display	Work Indicator
Inductive Card	ISO14443TypeA/Standard card
Tag Supported	MI fare / I-Code
Interface	USB
Indicators	Buzzer, LED for power & read
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.

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