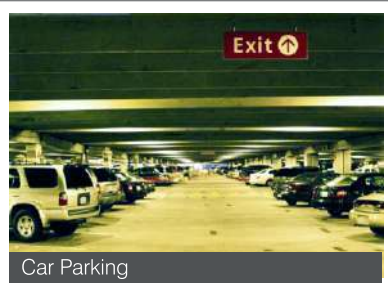


smartRID is MiFare® based smart card reader. Smart reader/writers make access control and read/write applications more powerful, more versatile, and most importantly, offer enhanced security through encryption and mutual authentication.

Key Features - Read Series:

- 13.56 MHz based interface that meets ISO 14443A (MIFARE®), standards.
- The ability to read 26 bits / 32 bits MIFARE® serial numbers.
- Personalised facility code and card number.
- Advanced key management systems to reduce the risk of compromised data or duplicated cards.
- A Wiegand output that easily interfaces with most existing Wiegand protocol access control panels.
- Compact and Elegant. Easily installed on walls and doors.
- A factory configurable bi-color LED bar and multi-tone buzzer that provides distinguishable indicators.



(READ) Series

Specifications	SC504
Read Range	4.0 - 9.0 cm
Data Read	CSN / Sector
Dimensions (mm)	80 W X 83 H X 21 D
Transmit Frequency	13.56MHz
Card (Transponder)	Mifare® Series (ISO14443A)
Card Read Time	0.1 sec
Output interface	Wiegand
Wiegand Formats	26 bits / 32 bits
Distance from Controller	80 m
LED / Buzzer	Bicolor LED Bar / Multi Tone buzzer o/p
Weather proof	Yes
Material	ABS Plastic
Power supply	9 - 24 V DC
Color	Black

Key Features - ReadWrite Series:

- Provides a bi-directional RS232 serial port to provide connection to a PC or Host.
- 13.56 MHz based interface that meets ISO 14443A (MIFARE®)
- Personalised facility code and card number
- Advanced key management systems to reduce the risk of compromised data security or duplicated cards.
- Compact and Elegant.
- User configurable bi-color LED bar and multi-tone buzzer that provides distinguishable indicators.

READWRITE Series

Specifications	SC200
Read Range	4.0 - 9.0 cm
Data Read	CSN / Sector
Dimensions (mm)	80 W X 83 H X 21 D
Transmit Frequency	13.56MHz
Card (Transponder)	Mifare® Series (ISO14443A)
Card Read Time	0.1 sec
Output interface	RS485 / RS232
Baud Rate	38400 bps (Programmable)
LED / Buzzer	Bicolor LED Bar / Multi Tone buzzer o/p
Weather proof	Yes
Material	ABS Plastic
Power Supply	9 - 24 V DC
Color	Black
Distance from Controller	15 m for RS232 (1km for RS485) *

Benefits:

- Robust and reliable at competitive price.
- Supports ISO 14443A (MIFARE®) standards.
- Indigenous development and manufacturing results in better and faster support.
- Proprietary card data personalization / protocol implementation (For Read/Write Series).

Areas	Applications
Clubs, Restaurants, Schools, Shopping Centers / Malls, Factories, Small Offices, Corporate, Hotels, BPO, IT Companies, Library, Cafeteria, Multiplexes, Hospital, Retail, Clinics, Logistics, Transport.	Car Parking, E-purse, Membership cards, loyalty, Visitor Mgmt, frequency cards, Employee ID cards, Lift Mgmt, Access Control, Canteen Mgmt., Vending Machine, Biometrics, Toll Plaza, Health Card, Supply Chain Mgmt., Asset tracking, E-ticket.

Smart-I is manufacturing and supplying various 'Access and Identification' products. Smart-I's products have the following competitive advantages and benefits over its competition:-

Reliability:

As Quality plays a key role for the success of 'Access and Identification' products, Smart-I Systems can present its customers with guaranteed performance and reliability. Continuous innovations and R & D on products to meet the current and future requirements.

Wide Flexibility:

One of Smart-I Systems strengths is wide flexibility which comes from variety of readers and controllers and highly qualified capability for customization works. It is a one stop solution for all 'Access and Identification' needs.

Excellent Support:

Selling a product means the beginning of the long term relations with a customer. Smart-I provides various ways of customer support to ensure customer's success

*Specifications and features are subject to change without prior notice.

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