



MicroSMART

The Market-Leading Smart Card Reader



Revolutionary Technology

- **Philips MIFARE Mastery** : Leverages ISO14443 Type A for industry-leading performance.
- **Wide Compatibility** : Seamlessly integrates with 1KB(S50)/4KB (S70) Mifare RF Cards.



Superior Performance

- **Exceptional Range** : Delivers an impressive operating distance of 60-80 mm, with a maximum reach of 100 mm.
- **Optimal Power Efficiency** : Operates efficiently with a typical consumption of 70 mA across 8-40V DC.



Technical Brilliance

- **Operating Frequency** : 13.56 MHz for robust performance.
- **Power Supply** : Consumes a typical 70 mA, maxing at 90 mA.
- **Temperature Resilience** : Operates smoothly between 0 to +55°C and stores safely between -25 to +85°C.
- **Humidity Resistance** : Handles up to 98% RH (non-condensing).
- **Compact Dimensions** : 95(H) x 67(W) x 30(D) mm for easy installation.
- **Exceptional Range** : Achieves an operating distance of up to 100/60 mm.
- **Wiegand Output** : 26/34 bit for reliable performance.



Unmatched Integration

- **Ultimate Flexibility** : Features USB, TCP/IP*, and RS232C* connectivity for unparalleled versatility.
- **Advanced Systems Ready** : Includes DLL for Windows and ASCII protocol for embedded Systems.



Premium User Features

- **Intelligent Functions** : Equipped with auto increment/decrement for vending and auto data send for seamless ID management.
- **Secure and Customizable** : Provides Key A / Key B definitions for multi-application sectors And value block for e-purse functionality.



Ordering Information

- **MicroSMART R/W** : The top-tier Contactless Smart Card Reader/Writer.
- **MicroSMART** : The premier Contactless Smart Card Wiegand Reader.
- **MicroSMART SDK** : Comprehensive package including R/W, DLL, and ASCII Protocol.
- **Smart Card** : High-quality MIFARE Compatible 1KB/4KB RFID Card.



Fortuna Impex Pvt Ltd

P-73, Kasba Industrial Estate, Phase-2, Kolkata - 700 107

☎ : +91 7550 670 670

✉ : info@fortunaindia.com

🌐 : www.fortunaimpex.com