

# Airwave™ (MC1506 RS232)

## Desktop Contactless Smartcard Reader/Writer Enables Contactless Smartcard Applications

### Features and Benefits

Standard ESD-protected RS232 serial interface

100% software compatible to RS232.

User software implementation possible -- Microsoft Visual Basic, Microsoft Visual C++, Power Build, Delphi, Turbo C, Foxpro

Economic and compact design

Low cost

### Application Development Kit

An Airwav™ reader with 2 Contactless Mifare™ Card

Development tools on a CD-ROM

Window-based Reader API and low level communication protocol will be provided by the development kit

### Technical Specifications

Operating Frequency	13.56MHz
Data Transfer Rate	106Kbit/S
Typical Reading Range	< 40mm
Dimensions	115 x 75 x 20mm
Power Supply*	200 mA @ 5 DCV <small>*Get From PC Keyboard</small>
Operating Temperature	-10C ~ +55C
Operating humidity	0-95% relative humidity non-condensing
Chip Supported	Mifare™ 1 (8K bits) Mifare™ Light(384 bits)

Airwave™ is Silone's affordable desktop smart card reader/writer utilizes MIFARE™ technology to read and write to contactless smart cards. Contactless smart cards are used for stored value or data applications, such as Access Control, Vending, Toll Roads, Airline Ticketing, Banking Cards, City Cards, ID Cards, University Cards, Loyalty schemes, Phone Cards, Park and Ride, and Prepaid Metering. It is designed for low cost and high security as well as convenience and reliability. SDK is available for further application development.



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**SILONE**  
Electronic Intelligence

Silone MagCard, Inc.

1440 Koll Circle, #103, San Jose, CA 95112, U.S.A. • Tel. 408-441-8858 • Fax. 408-441-8878

info@silone.com • www.silone.com