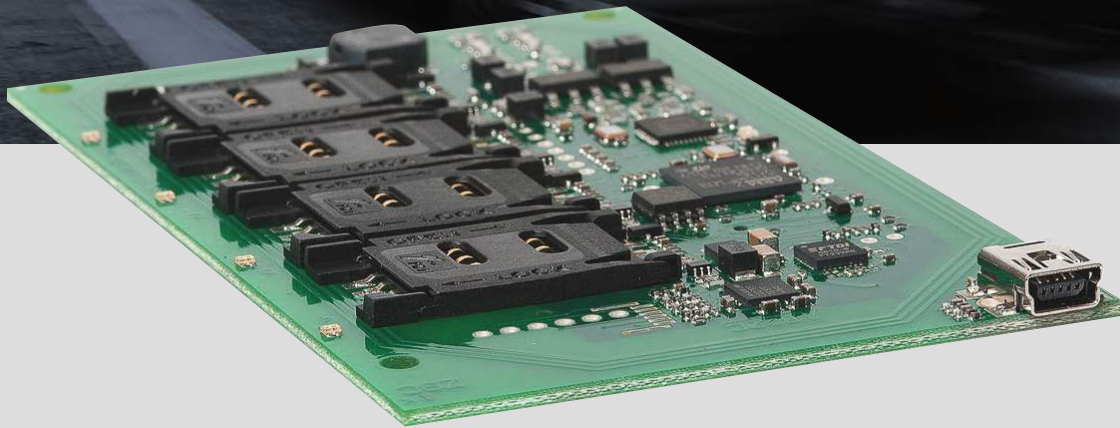


LECIP



ARC1300 OEM Smart Card Reader

ARC1300 is a high performance contactless ISO 14443 A/B smart card reader easily integrated into a number of smart card applications. The reader comes with an extensive software support package that is optimized for easy integration, as well as support for the entire MIFARE family.

Key Features

- Dual standard smart card reader
- Support for a wide range of contactless standards in public transport, including the entire MIFARE family
- Support for NFC mobile applications (limited), smart posters and ticketing
- 4 x tri-colored LED lights for card interaction/payment confirmation
- Audio buzzer
- Easy integration into a number of smart card applications, terminals and kiosks
- USB and RS232 for host communication
- 4 SAM slots for improved smart card security



APPLICATIONS

- Mobile devices for ticket inspection
- Ticket Vending Machines (TVM)
- Validators
- Fareboxes
- Point of Sale Terminals (POS)
- Driver Consoles
- Turnstile Gates
- Parking Meters
- Vending Machines

Technical Specifications

SAM Security	4 × ISO/IEC 7816 SAM slots up to 1.1 Mbit/s
User Interface	4 × Triple colored LEDs (red/green/yellow)
RF Frequency	13.56 MHz
RF Standards	ISO/IEC 14443 A/B, ISO/IEC 18092 (limited)
RF Speed	106 kBit/s, 212 kBit/s, 424 kBit/s
RF Reading Distance	Up to 100mm
RF Antenna	Integrated, external antenna possible
Processor	ARM 72 MHz
Firmware Upgrade	Yes
Dimensions	110mm × 67mm
Weight	Approx. 40g
Current Consumption	280mA (operational), 70mA (RF off), 2mA (sleep)
Host Communication	USB or RS232 (communication speed up to 1Mbit/s)
Rf Amplifier	Yes, field upgradeable
Operating Temperature	-20°C to +70°C
Host Interface	USB: Mini Horizontal, RS232: Screw Terminal
Storage Temperature	-20°C to +70°C
Power Supply	5V ± 5%

Supported Smart Cards:
ISO 14443A, ISO 14443B, MIFARE Classic, MIFARE Ultralight, MIFARE Ultralight C, MIFARE DESFire, MIFARE Plus, SmartMX, GTML, GTML2, Felica, Calypso

Supported SAMs:
ISO/IEC 7816 compliant SAMs such as MIFARE SAM, S9TSAM, CIPURSE SAM, Felica SAM

