ARC2310 T2 e-Ticket Smart Card Reader

Key Features

- ISO/IEC 14443 A/B and ISO/IEC 18092 (NFC) smart card reader
- Support for a wide range of contactless standards in public transport, including the entire MIFARE family and FeliCa
- RS232, Ethernet 10/100 Mbit/s and USB
- 4 x SAM ISO 7816 slots for high security applications, including MIFARE SAM AV1 and AV2, as well as FeliCa
- Standalone smart card reader with Linux OS
- Easy integration into a variety of payment terminals
- Metal casing for maximum protection
- Rugged, slim and compact
- Flexible and fully customizable

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Products for cashless ticketing & payment

ARC2310 T2 e-Ticket Smart Card Reader

A rugged and fully integratable compact NFC smart card reader

The ARC2310 T2 is a standalone contactless smart card reader designed for use in a variety of payment and ticketing applications, offering faster and more convenient transactions. With its rugged construction and compact size, the T2 can be integrated in almost any sales device, such as vending machines, access control gates, fareboxes, kiosks, parking systems, loyalty schemes and gaming applications.

The T2 is housed in a metal case for maximum protection, meeting the demands of any unattended environment. Due to the ferrite-shielded antenna, the T2 can be mounted on all types of material without compromising the reading range or the need to be re-certified or re-tuned. When integrated, the reader measures only 8mm from the terminal's surface, offering a fully customizable solution. Moreover, it does not compromise the integrity of the IP rating of the host unit.

Designed with an ISO/IEC 14443 A/B and NFC contactless smart card reader, the T2 supports a wide range of contactless standards within ticketing and payment, including the entire MIFARE family, Smart MX, FeliCa and Calypso, as well as being EMV contactless extensible. For added flexibility and seamless integration, the T2 comes with an extensive software support package and multiple interfaces, including Ethernet, USB and RS232. Moreover, it comes with an audio buzzer, 4 LED lights and a clearly marked landing zone.

With its robust and unique form factor and contactless capabilities, the ARC2310 T2 is the ideal solution for upgrading new and existing payment and ticketing solutions with enhanced contactless features.

Areas of use:
- Fareboxes
- Add Value Machines, Ticket Vending Machines
- Turnstile Gates
- Vending Machines, Kiosks
- Parking Meters
- Gas pumps at petrol stations

Other e-Ticketing products from LECIP ARCONTIA AB:

ARC3300 T5 Validator

ARC2335 RS485 Smart Card Reader

RF Frequency:	13.56 MHz
RF Standards:	ISO/IEC 14443 A/B, ISO/IEC 18092 (NFC)
RF Speed:	106 kBit/s, 212 kBit/s, 424 kBit/s
RF Reading Distance:	Up to 50mm (depending on smart card)
RF Antenna:	Integrated
SAM Security:	4 x ISO/IEC 7816 SAM slots with up to 1.1 Mbit/s
Crypto Algorithms:	3DES, AES, RSA, PKI
Hash Algorithms:	SHA1, SHA2, MD5
Processor:	i.MX287 working at 450MHz Flash 4GB eMMC Linux Kernel 3.1, RAM 128MB
Firmware Upgrade:	Yes, field upgradeable
Interface:	RS232, Ethernet 10/100 Mbit/s, USB OTG (On The Go), MicroSD slot
User Interface:	4 x Triple coloured LEDs (red/green/yellow) Audio buzzer
Power Supply:	9-36V DC
Current Consumption:	Approx. 4W
Dimensions:	100x80x60mm
Mounting Hole Required:	95x75mm, front/plate max 6mm thick
Weight:	Approx. 370g
Operating Temperature:	-25°C to +50°C
Storage Temperature:	-30°C to +70°C
Compliances:	RoHS, FCC, WEEE, CE for bus, tram and rail
Supported Smart Cards:	MIFARE 1k, MIFARE 4k, MIFARE Plus, MIFARE UltraLight, MIFARE UltraLight C, MIFARE DESFire, MIFARE DESFire EV1, MIFARE SmartMX, GTML, GML2, ISO 14443A tags, ISO 14443B tags, FeliCa RC-S962, FeliCa RC- SA01, Calypso, VDV
Supported SAMs:	MIFARE SAM (DESFire), MIFARE SAM AV1, MIFARE SAM AV2, S9TSAM, Calypso SAM, FeliCa SAM and other ISO/IEC 7816 compliant SAMs

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