

ARC2330 & ARC2320 Smart Card Reader

ARC2330 is a compact ISO/IEC 14443 A/B light validator designed for smart card validation, travel card reload and contactless payments.



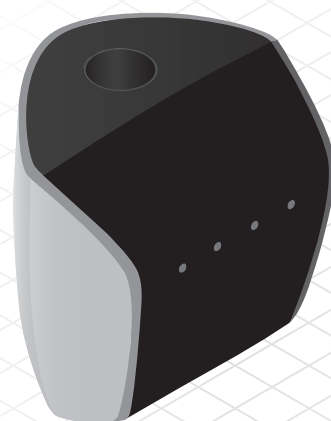
ARC 2330

KEY FEATURES

- Support for a wide range of contactless standards in public transport, including the entire MIFARE family, Smart MX, FeliCa and Calypso, as well as having support for NFC (limited)
- USB or RS232 for host communication
- Designed for onboard and stationary use
- 4 SAM slots for high security applications
- Graphical LCD display, 4 colored LED lights, full audio speaker
- Pole and wall mounting kit available

APPLICATIONS

- Check-in/check-out validation
- Multi-drop for front and rear entry/exit validation
- Travel card reload
- Turnstile validation
- Farebox validation
- Point of sale
- Station platforms
- Onboard buses, trains and trams



ARC 2320 is a cost effective version of 2330 without the LCD display.

Technical Specifications (ARC2330)

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
RF Amplifier	Yes
SAM Security	4 × ISO/IEC 7816 SAM slots with up to 1.1 Mbit/s
Processor	ARM 72 MHz
Firmware Upgrade	Yes, field upgradeable
Host Communication	USB or RS232
User Interface	4 × Triple colored LEDs (red/green/yellow) Audio buzzer
Display	Graphical LCD FSTN, black/white, 128 × 64 pixels (not featured on ARC2320)
Power Supply	5V ± 5%

Pole Mounting Dimensions	160 × 152 × 100 mm
Wall Mounting Dimensions	160 × 152 × 50 mm
Weight	Approx. 700g (1.5 lbs)
Operating Temperature	-20° to +85°C
Storage Temperature	-40° to +85°C
Environment	IP44
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