

Contactless Reader EMV3000

The EMV3000 is a compact NFC contactless reader. The EMV3000 is designed specifically for public transport Automatic Fare Collection (AFC) systems, but it can be widely used in unattended devices like vending machines, parking meters, toll gates and more. The EMV3000 supports all major smart cards compliant to ISO 14443 Type A & B and Mifare standard.

Key features

Contactless smart card reader 13.56 MHz NFC; ISO 14443 Type A & B.

SAM card slot.

EMVco Level 1 certified

EMVco Level 2 certified

(Mastercard & VISA & Amex)

PCI-PTS POI V5.1 certified

Apple Pay™ & Google Pay™ support

EMV Girocard support

VDV-KA, ITSO, Translink support

Interface via USB or TTL UART.

Integrated 4 LEDs and 1 beeper.

Possibility to drive external LEDs and beeper.

Tamper-proof hardware design.

Compact dimensions to ease installation.

Technical Data

- ▶ Intelligence: Microcontroller with dedicated hardware security mechanisms
- ▶ Interface types: USB/TTL UART
- ▶ Indicators: 4 Green LEDs, with the ability to drive 4 external LEDs
- ▶ Audio: Internal PWM beeper, with the ability to drive external beeper
- ▶ Card reader: Full NFC Forum-compliant for contactless communication at 13.56 MHz
- ▶ Security: SAM socket
- ▶ Tamper-proof hardware design
- ▶ Power supply: 5V or USB powered
- ▶ Operating temperature: -20 °C to +70 °C
- ▶ Storage temperature: -30 °C to +80 °C
- ▶ Operating humidity: < 75% RH
- ▶ Storage humidity: < 93% RH
- ▶ Dimensions: 76 H * 77 W x 12 D (mm)
- ▶ Weight: 90 Grams

