



Compact terminal
for contactless payment

CRP10

The Payment terminal CRP10 provides an instant solution of bank payments thanks to included SW.

It is designed especially for vending machines, kiosks, parking machines, etc. Compact and robust device is dedicated for work at outdoor premises and public areas.



Compact terminal for contactless payment CRP10

- The terminal for EMV payments with integrated bank application is ready for instant acceptance of transactions in unattended devices like vending machines, kiosks, parking machines etc.
- Payment terminal CRP10 is certificated as S-ICR (Single Component Intelligent Card Reader) and it is dedicated to fast payment by contactless bank cards without using PIN Pad.
- Dimensions of the terminal entirely fulfils recommendations of EVA-EPS (European Vending Association - Electronic Payment Specification). Integration of the terminal into your device is therefore as easy as possible.
- Compact and robust mechanics is designed especially for unattended payment points at public areas.
- Complies with latest HW and SW security requirements - Linux with security elements.
- Certificated according to PCI PTS, EMVCo, Mastercard and VISA. SW architecture enables implementation and certification of other bank kernels.
- Friendly user interface - indication with 4 EMVCo LED, beeper, customizable multicolour LED backlight of EMV symbol.

Parameters:

Overall dimensions:	146 × 110 × 47 mm (EVA-CVS)
Visible dimensions:	108 × 85 × 20 mm
Ingress protection:	IP65
Operating temperature:	-20 °C to +60 °C
Storage temperature:	-20 °C to +80 °C
Humidity:	0-95%
Voltage:	12-36V DC
Consumption:	max. 3W

Interface:

- Contactless cards ISO14443 Type A/Type B, NFC phones (passive mode - card emulation)
- Ethernet, 100BASE-TX
- USB Device 2.0: USB CDC ECM - Ethernet over USB
- PoE (passive mode)

User interface:

EMVCo LEDs, beeper, EMV symbol colour backlight

Operating system, CPU, Security features:

- Linux with security features
- CPU: Arm® Cortex®-A7 with security features: CSU -Central Security Unit, CAAM - Cryptographic Acceleration and Assurance Module with TRG (True Random generator, NIST certified), SNVS - Secure Non-Volatile Storage, including Secure Real Time Clock, A-HAB—Advanced High Assurance Boot
- RAM 256MB/NAND 256MB
- Tampering - deletion of key storage and all sensitive data after security violations

Certification, EMV specification:

- EMVCo Contactless Level 1, Version 2.6.b
- Mastercard - MCL 3.1.1
- VISA - VCPS 2.2
- TQM label: TQM1329/01
- PCI PTS 5.1

