

# CD800

## 3 in 1 Contact/Contactless Unattended Device



The CD800 is an unattended payment terminal that was specifically developed and engineered for the challenging outdoor environments.

The CD800 offers contact and contactless EMV as well MSR readers, covering all payment requirements. We designed the CD800 to be compact and ergonomic as to decrease the footprint needed while making it customizable in functionality.

The CD800 is the ideal solution for applications suitable for commercial EV charging, public transportation, ticketing kiosks, public parking, self-service car washes, retail self-checkout and vending with MDB options.

## The turn-key solution for open & closed loop Cashless Services

### Maximum security

Incorporates stringent security standards to protect sensitive customer information by accepting any payment.

### Seamless integration

Delivering complete cashless solutions requires seamless integration, allowing to embed into enclosures with secure payment acceptance technologies.

### Boost profit margins

Reduce costs with our intelligent systems to manage yours streamline processes, automate decisions, and delight customers.



ParkingPay



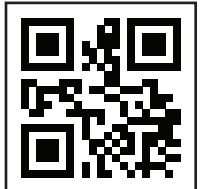
VendingPay



evChargingPay



LaundryPay



# 3 in 1 Slim Contact/Contactless Unattended Device

# CD800

The CD800 uses the Linux OS and is capable of remote firmware downloads and over the air updates. It fully complies with the European Vending Association (EVA) mounting requirements. It is a versatile device that interfaces via RS-232, USB, RJ-11 and Ethernet devices. Power is supplied via USB or RS232 ports.

## Specifications

### ELECTRICAL

Processor:	ARM Cortex-A5 based Microcontroller
RF IC:	High performance 13.56 MHz
Magnetic Card Reader:	ISO7811; three track reading
Smart Card Reader:	ISO7816; supports 3V and 5V
SAM Module:	3 SAM module sockets
Contactless:	All layers of ISO14443 Types A&B communication scheme / ISO15693 / Mifare Classic compliant or other custom protocols

### MECHANICAL

Weight:	< 250g
Dimensions:	107mm (H) x 84mm (W) x 49.7 mm (D)
Material:	PC+ABS, 94V-0
Display:	LCD display (128x64 Mono Graphic with backlit LCD)
Light:	LED light pipe for MSR and ICC indication and verification
Mounting:	Compliant with EVA mounting requirements and Surface mount option

### SECURITY COMPLIANCE

DES, 3DES, SHA, MAC, AES and RSA encryption algorithms  
Key Management: DUKPT

### INTERFACES

RJ11 :	EPP/ Peripheral
RJ50 :	USB/ RS232
RJ45 :	Ethernet

### ENVIRONMENTAL

Operating Temperature:	-20 °C to 70 °C
Storage Temperature:	-30 °C to 80 °C
Operating Humidity:	5% to 90% (Non condensing)
Storage Humidity:	5% to 90% (Non condensing)
Enclosure:	UV exposure resistance
IP Rating:	54
IK Rating:	06

### POWER REQUIREMENTS

Input Voltage:	5V DC / 500mA
Battery RTC life:	5 years

### CERTIFICATIONS

EMV:	EMV Contact L1& L2; EMV Contactless L1
Payment Cards:	Visa payWave, MasterCard Paypass, American Express and Discover D-PAS
Regulations:	FCC Class B; FCC ID; CE Class B; RoHS and TQM

### DIGITAL WALLET SUPPORT

Apple Pay, Google Pay and Samsung Pay



## PMTsolutions AG

Bottroper Strasse 8, 70376 Stuttgart, Germany  
Tel: +49 711 400 406 - 00 Fax: +49 711 400 406 - 01  
info@PMTsolutions.eu