

cVEND compact LTE - PayServ.GWS

## Compact retrofit solution for machines

- International multi acquirer payment acceptance via the FEIG PayServ.Gateway Solution
- Easy integration due to compatible ECR interfaces with other international cVEND solutions
- Integrated LTE modem & antenna
- Low-power sleep mode for solar-powered machines
- Proximity sensor for reliable wake-up
- MDB cash register interface



cVEND compact is based entirely on the proven cVEND plug platform for contactless payment debit and credit cards.

With its compact and robust housing, many machines can be retrofitted indoors and outdoors.

The terminal, which has been approved by numerous payment service provider, provides seamless integration thanks to its standardized ZVT and MDB cash register interface.

Integrated fixed price system and configurable digital inputs / outputs including emulation of coin validators.

Its design and diverse interface enable a wide variety of applications in vending, parking, EV charging, even where no payment terminal could previously be installed.

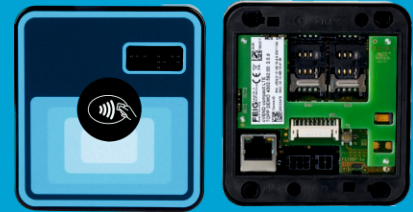
Low-power standby mode for solar-powered applications and optimized MDB processes.

For international use Multiple currencies and languages can be configured.

Flexible support of closed-loop cards via ZVT cash register protocol or independent transparent application.

# cVEND compact LTE - PayServ.GWS

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## Technical Data

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<b>Housing</b>	Polycarbonate, partially transparent, UL94 V0
<b>Dimensions (W x H x D)</b>	
Overall	86 mm x 94 mm x 33 mm
<b>Environmental conditions</b>	
Operation	-30 °C to +70 °C
Storage	-30 °C to +80 °C
Humidity	5% to 95% condensing moisture resistant coating
<b>Power Supply</b>	
Voltage	8 - 42 V DC
Power Connector	MDB (with optional adapter cable)
<b>Power Consumption</b>	
Operation	typ. < 12 W   Peak max. 24 W
Standby	< 3 mA at 12 V (with modem logged in)
Wake-up	Proximity sensor, MDB or time controlled
<b>User interface</b>	6 LED (4 green, 1 red, 1 yellow) internal multi-frequency Buzzer, illuminated Contactless Logo
<b>Contactless Interface</b>	ISO/IEC 14443-A / -B contactless payment cards, mobile NFC devices in card emulation mode, MIFARE, ISO 15693 and other contactless cards
<b>SAM Interface</b>	1 x SAM Socket MSAM 1 x SIM socket ID000 format for mobile SIM card
<b>Peripheral Interfaces</b>	MDB Slave, Ethernet, RS232 (V.24), USB 2.0 Device, external card reader
<b>Digital I/Os</b>	2 x digital output (short circuit protected, open collector), Configurable functions: static output, coin acceptor emulation 2 x digital inputs with configurable functions
<b>Online Connection</b>	Integrated LTE modem (2G   4G), integrated LTE antenna and connector for optional external antenna, Ethernet, IP over USB
<b>CPU &amp; Security</b>	Secure ARM 9 CPU, real time memory encryption, cryptographic hardware acceleration and a true random number generator Tamper-proof hardware, protection against side-channel attacks
<b>Clock</b>	Real Time Clock – Battery backed

## Memory

RAM	128 Mbyte
FLASH	256 Mbyte

## Battery

3 V Lithium Battery, 540 mAh, not removable.  
Lifetime 15 years at 25 °C

## Conformity to standards

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<b>Payment</b>	PCI PTS 5.x, SRED
<b>Contactless</b>	EMVCo Contactless Level 1 CEN/TS 16794-1:2017 Class D

## Supported Payment Schemes

VISA Contactless (incl. V PAY)  
Mastercard Contactless (incl. Maestro)  
American Express Expresspay

## Environment

RoHS 2011/65/EU

## Protection class

{front, installed correctly}  
Impact protection IK10  
IP class IP65

## Electrical Approvals

CE, UKCA  
ISO 10605, Category 3

## Terminalsoftware

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<b>Supported PSP</b>	FEIG PayServ.GWS
<b>ECR Interfaces</b>	ZVT cash register interface via LAN (optional SSL / TLS encryption), USB or RS232 MDB and Fixed amount / coin acceptor emulation
<b>Features</b>	Multi-Currency and Multi-Language support Failsafe application and OP-System Update