

cVEND PIN PayServ.GWS

Unattended Payment Terminal with fully integrated NFC Unit

- International multi acquirer payment acceptance via the FEIG PayServ.Gateway Solution
- Solo operation (Tap & PIN) or with optional hybrid card reader for chip & magnetic stripe
- High contrast multi-color graphic display
- Barrier-free and robust stainless steel keypad
- Easy integration due to compatible ECR interfaces with other international cVEND solutions provided by FEIG



cVEND PIN combines PIN input and NFC reader in a robust housing and can be easily used in many indoor and outdoor applications.

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

The low power consumption in standby mode allows the use in battery-powered vending machines.

The high-contrast color display, the high-quality and illuminated stainless steel keypad and the NFC unit in the display are the fundamentals for intuitive operation.

The terminal is suitable for various unattended contactless payment applications such as Vending, Parking, EV-Charging or Transit.

Flexibly configurable MDB interface for a wide range of vending machine controllers.

Closed-loop cards (e.g. MIFARE, CIPURSE, ITSO, VDV-KA) can also be processed in parallel with credit and debit cards.

cVEND PIN is designed and tested ready for use in vehicles.

The powerful software is approved by NMI payment gateway.

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Optionally with secure hybrid card reader for magnetic stripe and chip cards



Technical Data

Housing	Stainless steel with glass and polycarbonate, UI94 V0
Dimensions (W x H x D)	
overall	92,5 mm x 141 mm x 47 mm
visible	82 mm x 120 mm x 14 mm
Environmental conditions	
Operation	-25 °C to +70 °C
Storage	-30 °C to +80 °C
Humidity	5 % to 95 % condensing moisture resistant coating
Power Supply	
Voltage	12 to 42 V DC
Connector	MDB
Power Consumption	
Operation	typ. < 15 W
Stand by	< 10 mW (Wake-up by digital input and time controlled)
User interface	2,8" high brilliance color display 320 x 240 pixel (500cd/m2). Impact, scratch and fire resistant front glass, 4 green LED's Internal multi frequency buzzer & audio output
Keyboard	Stainless Steel Key-Pad, 16 keys and illuminated. Vandalism proof
Contactless Interface	ISO/IEC 14443-A / -B contactless payment cards, mobile devices in card emulation mode, MIFARE, ISO 15693 and other contactless cards
SAM Interface	2 x SAM Sockets
Peripheral Interfaces	MDB-Slave, Ethernet 10/100 Mbps, 2x RS232 (V.24), 2x USB 2.0 Host, Buzzer signal output 1x electrically isolated digital output
Online Connection	Ethernet, IP over USB
CPU & Security	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
Clock	Real Time Clock – Battery backed
Memory	
RAM	128 Mbyte
FLASH	256 Mbyte

Battery 3 V Lithium Battery, 1000 mAh, Lifetime 15 years at 25 °C

Conformity to standards

Payment	PCI PTS 5.x, SRED
Contactless	EMVCo Contactless Level 1
Supported Payment Schemes	VISA Contactless (incl. V PAY) Mastercard Contactless (incl. Maestro) American Express Expresspay Discover D-PAS
Supported Payment Schemes with opt. SHCR	Visa Mastercard
Environment	RoHS 2011/65/EU
Vibration / Shock	EN 50155
Protection class	{front, installed correctly} Impact protection IK10 IP class IP65
Electrical Approvals	CE, FCC, BIS, UKCA

Terminalsoftware

Supported PSP	FEIG PayServ.Gateway Solution
ECR Interfaces	ZVT cash register interface via LAN (optional SSL / TLS encryption), USB or RS232 MDB
Application Features	Multi-Currency and Multi-Language support Failsafe application and OP-System Update Menu for easy setup, diagnosis and configuration Payment and goods issue processes as well as configuration, commissioning & updates can be controlled via the cash register