

NEW
GENERATION

cVEND PIN II - Solutions with FEIG's Payment App

OUTDOOR TERMINAL WITH STAINLESS STEEL PIN-PAD

- Contactless Payment and Stainless Steel PIN Pad for barrier-free PIN entry
- Choice between German payment service providers and the international solution FEIG PayServ.GatewaySolution
- Once integrated—ready for international use
- Highest level of vandal resistance (IK10)
- PCI PTS 6.x certified
- Optional hybrid card reader for chip & magnetic stripe



VISA



cVEND PIN II is the next generation of the proven cVEND PIN and combines PCI PTS 6.x certification, backward compatibility, and enhanced performance for secure and fast payment transactions.

The cVEND PIN II was designed for reliable outdoor use. Its bright color display, rugged glass cover, and stainless steel keypad ensure comfortable and accessible operation.

Its low power consumption in standby mode also allows for use in battery-powered kiosks.

To support contact-based chip cards and magnetic stripe cards, the cVEND PIN II can be expanded with the optional cVEND SHCR II hybrid card reader.

As part of the cVEND family, its standardized ZVT and MDB interfaces ensure easy integration into existing systems.

The available cVEND PIN II software variants cover applications for Germany (.DK) and international use (PayServ.GWS). cVEND - alpha offers particular flexibility, as the decision on a payment service provider does not have to be made until shortly before commissioning.

cVEND PIN II - alpha

Alpha is the version offering maximum flexibility for choosing a payment service provider. cVEND - alpha offers all the functions needed for testing and setting up the terminal. The final payment app can be conveniently downloaded remotely via our PayServ.SolutionSuite.

cVEND PINII.DK (German PSPs)

Versions with payment app installed for a German payment service provider. You can choose from numerous German payment service providers that support cVEND terminals.

cVEND PIN II.GWS (PayServ.GatewaySolution)

The variant for international use with FEIG's acquirer-independent payment service - PayServ.GatewaySolution.

Outdoor Terminal with stainless steel PIN-Pad

cVEND PIN II – Solutions with FEIG's Payment App

Technical Data

Housing	Stainless steel with glas and polycarbonat [_UL94 V0]
Dimensions (W x H x D)	
Overall	92,5 mm x 141 mm x 48,8 mm
Visible	82 mm x 120 mm x 14 mm
Temperature Range	
Operation	-30 °C to +70 °C
Storage	-30 °C to +80 °C
Humidity	5 % to 95 % condensing moisture-resistant coating
Power Supply	
Spannung	10 to 30 V DC
Connection	via MDB
Power Consumption	
Operation	typ. < 15 W
Standby	< 10 mW Wake-up via digital input, Card detection, timer
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 multi-frequency buzzer and audio output
Keyboard	Stainless Steel Key-Pad, 16 keys, illuminated. Vandalism proof
Contactless Interface	ISO/IEC 14443-A / -B Contactless debit and credit cards, mobile NFC devices in card emulation mode, MIFARE, ISO 15693, and other contactless cards
SAM Interface	2 x SAM Socket
Interfaces	2 x Ethernet 10/100 Mbps, 1 x MDB (Slave), 2 x RS232 (V.24), 1 x USB 2.0 OTG
Online Connection	Ethernet, IP over USB, optional LTE Modem
CPU & Security	Secure ARM Cortex-A7 CPU up to 1 GHz with real-time memory encryption, cryptographic hardware acceleration, true random number generator, tamper-proof hardware
Memory	
RAM	512 Mbyte
FLASH	1 GByte
Operating System	Linux-based cVEND.OS
Clock	Real-time clock, battery backed
Battery	3 V Lithiumbatterie, 1000 mAh, lifetime up to 15 years at 25 °C

Standard Conformity

Payment Security	PCI PTS 6.x, SRED, Common.SECC
Contactless	EMVCo Contactless Level 1
Environment	RoHS 2011/65/EU
Vibration / Shock	IEC 60068-2-6, IEC 60068-2-27
Railway	EN 50155, EN 45545, EN 61373 ready
Protection Classe	Front side: IP65
Vandalism	IK10
Electrical Approvals	CE, FCC, IC

Terminals Software

Cash register Interface

ZVT Cash register interface via LAN (SSL / TLS encryption), USB or RS232 MDB Cash register interface

Functions

Configurable languages and currencies, Integrated menu for setup, diagnostics, and configuration, fail-safe update

cVEND PIN II – alpha

Specific functions

Remote loading of a productive app for a payment service provider via PayServ.SolutionSuite

Supported payment systems

After remote loading of a payment service provider

cVEND PIN II.DK

Specific functions

Age verification (girocard only)

Approvals

TA 7.s, DC-POS 3.0 debit/credit

Supported payment systems

girocard, VISA (incl. V PAY), Mastercard (incl. Maestro), American Express, Discover, JCB, UnionPay

Payment service provider

epay, Lavego, PAYONE, TeleCash, VR Payment

cVEND PIN II.GWS

Supported payment systems

VISA (incl. V PAY), Mastercard (incl. Maestro), Discover

Payment service provider

FEIG

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Optional Accessories

LTE Modem	cVEND EXT.LTE-A Modem Extension Board
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cVEND SHCR II – Secure Hybrid Card Reader (Optional)

Housing	Zinc, matte
Front	nickel-plated
Internal	Plastic
Dimensions (W x H x D)	
Internal	81 mm x 70 mm x 135 mm
Visible	76 mm x 64 mm x 10 mm
Temperature Range	
Storage	-30 °C to +70 °C
Operation	-20 °C to +65 °C
Humidity	10% to 100%, non-condensing
Protection class	IP32
Vandalism Protection	IK10
Contact Card Interface	
	ISO 7816, EMVCo Level 1
Magnetic Card Interface	
	ISO 7811, Three Tracks
Card Insertion Cycles	up to 500.000
Battery	3 V lithium battery, 540 mAh, service life of up to 10 years at 25° C

