

cVEND touch S - Solutions with payment app from FEIG

CONTACTLESS PAYMENT AND PIN ENTRY ON GLASS

- Intuitive user interface for barrier-free PIN entry and contactless payment
- Highest level of vandalism protection IK10
- PCI PTS 6.x certified
- Compatible installation for cVEND PIN
- Choice between German payment service providers and the international solution FEIG PayServ.GatewaySolution
- Once integrated – ready for international use



cVEND touch S uniquely combines clear design and contactless chip & PIN payment at charging stations, parking ticket machines, stationary and mobile ticket machines, and vending machines.

Its mechanical design allows a quick and easy installation in any machine front. Mechanical compatibility with cVEND PIN provides smooth integration and flexibility when choosing between cVEND touch S and cVEND PIN – depending on your needs.

A robust and bright color display and the seamless front pane enable outdoor use in public areas and offer optimal user guidance. cVEND touch makes Tap & Go with optional PIN entry fast and easy. Barrier-free operation is guaranteed.

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

cVEND touch is another member of the proven cVEND terminal family. Its standardized ZVT and MDB cash register interface ensures seamless and uncomplicated integration, regardless of where cVEND touch is to be used.

The available cVEND touch 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 touch S – 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 touch S.DK (Deutsche Netzbetreiber)

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 touch S – PayServ.GWS

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

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Contactless payment and PIN entry on glass

Technical Data

Housing	Laminated safety glass (LSG) with integrated display and terminal electronics, Plastic flange
Dimensions (W x H x D)	
Total	93 mm x 144 mm x 48,6 mm
Visible	82 mm x 120 mm x 14 mm
Environmental conditions	
Operation	-30 °C to +70 °C
Storage	-30 °C to +80 °C
Air humidity	5 % to 95 % condensing Moisture-repellant coating
Power supply	10 to 30 V DC, Connection via MDB
Power consumption	
Operation	typ. < 15 W
Standby	< 10 mW,
Wake-up	digital input, card detection, timer
User interface	2,4" TFT color display 850 cd/m ² , 320 x 240 Pixel, 4 green LED, internal multi-frequency buzzer , audio output, sensor for brightness control
Scanner	QR-Code, DataMatrix, Aztec
Keyboard	Illuminated capacitive keypad with 16 keys, audio user guidance for barrier-free operation
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 lithium battery, 1000 mAh, lifetime 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
Protection Class	(Front side, assuming correct installation)
Vandalism	up to IK10
IP class	IP65
Electrical Approvals	CE, FCC, IC

Terminalsoftware

Cash register interfaces	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 touch S - 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 touch S.DK

Specific functions	Age verification (girocard only)
Approvals	TA 7.2 , DC-POS 3.0 debit / credit
Supported payment systems	girocard, VISA (incl. V PAY), Mastercard (incl. Maestro), American Express, Discover, JCB, UnionPay
Payment service providers	epay, Lavego, PAYONE, TeleCash, VR Payment

cVEND touch S.GWS

Supported payment systems	VISA, Mastercard, American Express
Payment service provider	FEIG

Optional Accessories

LTE Modem Extension Board