**FEIG Electronic**

# cVEND Compact LTE

## Compact unattended payment terminal

Easy Integration with ECR interfaces

Integrated LTE modem & antenna

Low power standby mode for solar powered solutions

Configurable proximity sensor for reliable wake-up

Fixed-price system (Pulse) for 1 & 2-price configurations

PCI 5.1 and EMVCo approved

**Distributed by:**

**HEMISPHERE WEST EUROPE LTD**
Unit 85-87 Shrivenham Hundred Business Park,
Majors Road, Watchfield, Oxfordshire,
SN6 8TY UK

☎ +44 (0) 1793 780461
🖰 www.hweurope.com
✉ sales@hweurope.com

cVEND compact is based entirely on the proven cVEND plug platform for contactless payment with debit and credit cards. With its compact and robust housing, many machines can be retrofitted indoors and outdoors. 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. Impressive low-power standby mode for solar-powered applications and an integrated fixed price system with configurable digital inputs / outputs is an easy fit for amusements and vending.

## Technical Specifications

| | |
|---|---|
| **Dimensions** | 86 mm x 94 mm x 33 mm (WxHxD) |
| **Housing** | Polycarbonate, partially transparent, UL94 V0 |
| **Protection Class (Front Side)** | IP 65 (Front) |
| **Impact Protection Class** | IK 10 (Front) |
| **Memory** | RAM 128Mbyte, FLASH 256 Mbyte |
| **Temperature Range** | Operation: -30°C up to +70°C<br>Storage: -30°C up to +80°C<br>Humidity: 5% to 95% condensing moisture resistant coating |
| **Supply Voltage** | 8 - 42 V DC |
| **Battery** | 3 V Lithium Battery, 540 mAh, not removable. Lifetime 15 years at 25 °C |
| **Power Consumption** | Operation: typ. < 12 W, peak max. 24 W<br>Standby: <3 mA at 12 V (with modem logged in)<br>Wake-up: Proximity sensor, MDB or time controlled |
| **Contactless Interface** | ISO/IEC 14443-A / -B contactless payment cards, mobile NFC devices in card emulation mode, MIFARE, ISO 15693 and other contactless cards |
| **Digital I/Os** | 2 x digital output (short circuit protected, open collector), Configurable functions: static output, coin acceptor emulation<br>2 x digital inputs with configurable functions |
| **Peripheral Interface** | MDB Slave, Ethernet, RS232 (V.24), USB 2.0 Device, external card reader |
| **User Interface** | 6 LED (4 green, 1 red, 1 yellow) internal multi-frequency Buzzer, illuminated Contactless Logo |
| **CPU and Security** | Secure ARM 9 CPU, real time memory encryption, cryptographic hardware acceleration and a true random number generator<br>Tamper-proof hardware, protection against side-channel attacks |
| **Online Connection** | Integrated LTE modem (2G \| 4G), integrated LTE antenna and connector for optional external antenna, Ethernet, IP over USB |
| **Clock** | Real Time Clock – Battery backed |
| **Payment Certification** | PCI PTS 5.1, SRED |
| **Contactless** | EMVCo Contactless Level 1<br>CEN/TS 16794-1:2017 Class D |
| **Environmental** | RoHS 2011/65/EU |
| **Electrical Approvals** | CE, FCC, IC, UKCA<br>ISO 10605, Category 3 |

## Distributed by:

**HEMISPHERE WEST EUROPE LTD**
Unit 85-87 Shrivenham Hundred Business Park,
Majors Road, Watchfield, Oxfordshire,
SN6 8TY UK

☏ +44 (0) 1793 780461
🖑 www.hweurope.com
✉ sales@hweurope.com