

# VEGA3000

## Mobile Series



Large Touch Screen  
With Built-in NFC Reader

Super Large Backlit Keys

Secure Linux Platform

New Ergonomic Design

Barcode Scanner (Optional)

Castles Technology's new designed VEGA 3000 gives you mobile capability for your business.

VEGA 3000 offers options of 2G, 3G, 4G, Wi-Fi, Bluetooth, barcode scanner and USB Communications, and accepts all payment types - Magnetic Stripe, Chip Card and Contactless.

VEGA 3000 is an ideal, secure, reliable device to mobilize your payments.

# FEATURES & BENEFITS



## Unprecedented Security and Certifications

- PCI PTS 5.x
- EMV Contact/ Contactless Lv1
- EMV Contact Lv2
- Contactless Scheme Certifications (Paypass, Paywave, ExpressPay, D-PAS, J-Speedy, QPBOC...)



## Incredibly Adaptable

- Optional Touch Availability
- Accepts all payment types
- Flexible to integrate business applications



## Exceptional Performance

- High Security Processor
- Operable under extreme conditions
- Linux open architecture OS

# VEGA3000 Mobile Series



## SPECIFICATIONS

|   |                        |           | V3M2  |
|---|------------------------|-----------|---|
| <b>Processor</b>                        |                        |           | 32-bit Secure Microprocessor running powerful Linux based OS  |
| <b>Memory</b>                           | Flash/RAM              |           | 256MB/128MB   |
|   | Micro-SD Socket        |           | Yes   |
| <b>Display</b>                          |                        |           | 3.5" Color TFT LCD with Capacitive Touch Panel   320 x 480 Pixels   |
| <b>Touch Screen</b>                     |                        |           | Yes   |
| <b>Card Reader</b>                      | Magnetic Stripe        |           | ISO 7810, 7811, 7813 Triple Track, Bi-Directional   |
|   | Contact Card           | User Card | ISO 7816 ID-1 1.8V/3V/5V T=0, T=1   |
|   |                        | SAM Card  | 2   |
|   | Contactless (Optional) |           | ISO 14443 Type A, B   ISO 18092 NFC   Mifare and Sony FeliCa Working Frequency 13.56MHz   |
| <b>Communications Interface Options</b> | Dual SIM               |           | Yes   |
|   | Wireless               |           | 4G LTE/3G/2G   Wi-Fi   Bluetooth  |
|   | Wire                   |           | USB   |
| <b>Indicators</b>                       | Audio Buzzer           |           | Yes   |
| <b>Keypad</b>                           | Standard Keys          |           | 15  |
|   | Function Keys          |           | No  |
| <b>Printer</b>                          |                        |           | 48mm width thermal printer, 100mm/sec   |
| <b>Software</b>                         |                        |           | SDK   KMS   TMS   GDB   CTOS library   ISO 8583 library   Crypto library  |
| <b>Crypto</b>                           |                        |           | TRNG   DES   T'DES   AES   RSA   MK/SK   DUKPT   T'DES DUKPT  |
| <b>Power Supply</b>                     | DC                     |           | 5V/2A   |
|   | Battery                |           | Li-ion 3100mAh  |
| <b>Dimensions (mm)</b>                  |                        |           | 170.35(L) x 78.39(W) x 59.97(H)   |
| <b>Weight</b>                           |                        |           | 335 g   |
| <b>Environment</b>                      | Operating Temperature  |           | 0°C to 50°C   |
|   | Storage Temperature    |           | -20°C to 70°C   |
|   | Operating Humidity     |           | 5% to 90% non-condensing  |
|   | Storage Humidity       |           | 0% to 95% non-condensing  |
| <b>Certification</b>                    |                        |           | PCI PTS 5.X   EMV L1/L2   payWave   PayPass   ExpressPay   D-PAS Interac Flash   J-Speedy   FeliCa   UnionPay UICS   TQM   PBOC L1/L2 |
| <b>Optional Additional Features</b>     |                        |           | 2D Barcode   Privacy Shield   Charging Cradle   |