# VEGA3000
## Mobile Series

Touch Screen (3.5" only)
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, Wireless LAN, Bluetooth, barcode scanner and USB Communications, and accepts all payment types - Magnetic Stripe, Chip Card and Contactless.
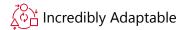
VEGA 3000 is an ideal, secure, reliable device to mobilize your payments.
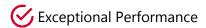
## FEATURES &BENEFITS

### 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, QuickPass…)

### Incredibly Adaptable

- Optional Touch Availability (3.5" only)
- 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

| SPECIFICATIONS | | | V3M2 3.5" | V3M2 2.4" |
|---|---|---|---|---|
| Processor | | | 32-bit Secure Microprocessor running powerful Linux based OS | |
| Memory | Flash/RAM | | 256MB/128MB | 128MB / 64MB |
| | Micro-SD Socket | | Yes | |
| Display | | | 3.5" Color TFT LCD with Capacitive Touch Panel 320 x 480 Pixels | 2.4"Color TFT LCD 320 x 240 Pixels |
| Touch Screen | | | Yes | No |
| Card Reader | Magnetic Stripe | | ISO 7810, 7811, 7813 Triple Track, Bi-Directional reading | |
| | Contact Card | User Card | ISO 7816 ID-1 1.8V/3V/5V T=0, T=1 | |
| | | SAM Card | 2 (Up to 4) | |
| | Contactless (Optional) | | ISO 14443 Type A, B\| ISO 18092 NFC\| Mifare and Sony FeliCa Working Frequency 13.56MHz | |
| | Dual SIM | | Yes | |
| Communications Interface Options | Wireless | | 4G LTE/3G/2G \| WLAN (802.11 b/g/n) \| Bluetooth | |
| | Wire | | USB Type C | Micro-USB |
| Indicators | LED - Contactless | | Virtual Indicator | Physical Indicator |
| | Audio | | Buzzer \| Speaker (Optional) | |
| Keypad | Standard Keys | | 15 | |
| | Function Keys | | Virtual Keypad | 4 function keys + 2 navigation keys |
| Printer | | | 48mm width thermal printer, 90mm/sec | |
| Software | | | SDK \| KMS \| TMS \| GDB \| CTOS library \| ISO 8583 library \| Crypto library | |
| Crypto | | | TRNG \| DES \| T'DES \| AES \| RSA \| MK/SK \| DUKPT \| T'DES DUKPT | |
| Power Supply | DC | | 5V/2A | |
| | Battery | | Li-ion 3100mAH | |
| Dimensions (mm) | | | 170.35(L) x 78.39(W) x 59.97(H) | |
| Weight | | | 345 g | 335 g |
| Environment | Operating Temperature | | 0°C to 50°C | |
| | Storage Temperature | | -20°C to 70°C | |
| | Operating Humidity | | 5% to 90% non-condensing | |
| | Storage Humidity | | 5% to 90% non-condensing | |
| Payment Security Certification | | | PCI PTS 5.X \| EMV L1/L2 \| payWave \| PayPass \| Expersspay \| D-PAS Interac Flash \| J-Speedy \| FeliCa \| UnionPay UICS \| TQM | |
| Optional Additional Features | | | 2D Barcode\| Privacy Shield\| Charging Cradle | |