

# VEGA3000

## Mobile Series



Large Touch Screen  
With Built-in NFC Reader

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 4.x
- EMV Contact/ Contactless Lv1
- EMV Contact Lv2
- Contactless Scheme Certifications (PayPass, payWave, Expresspay, D-PAS, J-Speedy, QuickPass...)



### 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

		V3M	V3M Lite
<b>Processor</b>		32-bit Secure Microprocessor running powerful Linux based OS	
<b>Memory</b>	Flash/RAM	128MB/64MB (Up to 256MB/128MB)	
	Micro-SD Socket	Yes	
<b>Display</b>		3.5" 320 x 480 TFT LCD	2.4" 320 x 240 TFT LCD
<b>Touch Screen</b>		Yes	No
<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 (Up to 4)
	Contactless (Optional)	ISO 14443 Type A, B   ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz	
<b>Dual SIM</b>		Yes	
<b>Communications Interface Options</b>	Handset	2G/3G/4G   Wi-Fi   Bluetooth   USB	
	Base	USB	
<b>Indicators</b>	LED - 4	No	Yes
	Audio Buzzer	Yes	
<b>Keypad</b>	Standard Keys	15	
	Function Keys	No	6
<b>Printer</b>		57mm x 40mm, 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>	Power Adapter / USB	9V/4A   5V/1A	
	Battery	Li-Polymer 3.7V ~ 4.2V 2100mAh	
<b>Dimensions</b>	Terminal	160 x 78 x 67 (mm)	
	Base	137.6 x 81 x 48.8 (mm)	
<b>Weight</b>		335 g	360 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	
<b>Certifications</b>		PCI PTS 4.X   EMV L1/L2   payWave   PayPass   Expresspay   D-PAS   Interac Flash J-Speedy   FeliCa   UnionPay UICS   TQM	
<b>Optional Additional Features</b>		2D Barcode   Privacy Shield   Charging Cradle	