

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	
Processor		32-bit Secure Microprocessor running powerful Linux based OS	
Memory	Flash/RAM	256MB/128MB	
	Micro-SD Socket	Yes	
Display		3.5" Color TFT LCD with Capacitive Touch Panel 320 x 480 Pixels	
Touch Screen		Yes	
Card Reader	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	
Communications Interface Options	Dual SIM	Yes	
	Wireless	4G LTE/3G/2G Wi-Fi Bluetooth	
	Wire	USB	
Indicators	Audio Buzzer	Yes	
Keypad	Standard Keys	15	
	Function Keys	No	
Printer		48mm width thermal printer, 100mm/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		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	0% to 95% non-condensing	
Certification		PCI PTS 5.X EMV L1/L2 payWave PayPass ExpressPay D-PAS Interac Flash J-Speedy FeliCa UnionPay UICS TQM PBOC L1/L2	
Optional Additional Features		2D Barcode Privacy Shield Charging Cradle	