

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	