

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, 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 (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

		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	
	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	
Communications Interface Options	Dual SIM	Yes	
	Wireless	4G LTE/3G/2G Wi-Fi Bluetooth	
	Wire	USB Type C	Micro-USB
Indicators	Audio Buzzer	Yes	
Keypad	Standard Keys	15	
	Function Keys	Virtual Keypad	4 function keys + 2 navigation keys
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	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	0% to 90% 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		