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.
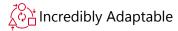
VEGA 3000 is an ideal, secure, reliable device to mobilize your payments.

FEATURES & BENEFITS

Unprecedented Security and Certifications

- PCI PTS 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

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SPECIFICATIONS

			V3M	V3M Lite
Processor			32-bit Secure Microprocessor running powerful Linux based OS	
Memory	Flash/RAM		128MB/64MB (Up to 256MB/128MB)	
	Micro-SD Socket		Yes	
Display			3.5" 320 x 480 TFT LCD	2.4" 320 x240 TFT LCD
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	
	Dual SIM		Yes	
Communications Interface Options	Handset		2G/3G/4G	Wi-Fi	Bluetooth	USB	
	Base		USB	
Indicators	LED - 4		No	Yes
	Audio Buzzer		Yes	
Keypad	Standard Keys		15	
	Function Keys		No	6
Printer			57mm x 40mm, 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	Power Adapter / USB		9V/4A	5V/1A	
	Battery		Li-Polymer 3.7V ~ 4.2V 2100mAH	
Dimensions	Terminal		160 x 78 x 67 (mm)	
	Base		137.6 x 81 x 48.8 (mm)	
Weight			335 g	360 g
Environment	Operating Temperature		0°C to 50°C	
	Storage Temperature		-20°C to 70°C	
	Operating Humidity		5% to 90% non-condensing	
Certifications			PCI PTS 5.X	EMV L1/L2	payWave	PayPass	ExperssPay	D-PAS	Interac Flash J-Speedy	FeliCa	UnionPay UICS	TQM	PBOC L1/L2	
Optional Additional Features			2D Barcode	Privacy Shield	Charging Cradle	