

Large Touch Screen
With Built-in NFC Reader

Secure Linux Platform

New Ergonomic Design

Castles Technology's high quality VEGA3000 device enables processing at lightning speeds with its powerful microprocessor.

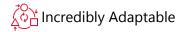
VEGA3000 offers options of 4G, Wireless LAN, Bluetooth and USB communications and accepts all payment types – magnetic stripe, chip card and contactless.

VEGA3000 is an ideal, secure ,and reliable device that exceed your payment expectations.

FEATURES & BENEFITS



Unprecedented Security and Certifications



Exceptional Performance

- PCI PTS 6.X
- EMV Contact/ Contactless Lv1
- EMV Contact Lv2
- Contactless Scheme Certifications (PayPass, payWave, Expresspay, D-PAS, J-Speedy, QuickPass, etc.)
- Accepts all payment types
- Flexible to integrate business applications
- High Security Processor
- Operable under extreme conditions
- Linux open architecture OS

VEGA3000Countertop Series



			V3CT3
Processor			32-bit Secure Microprocessor running powerful Linux based OS
Memory	Flash/RAM		256MB/128MB
y	Micro-SD Socket		Yes (Optional)
Display			3.5" Color TFT LCD 320 x 480 Pixels
Card Reader	Magnetic Stripe		ISO 7810, 7811, 7813 Triple Track, Bi-Directional reading
Card Reader	Contact Card	User Card	ISO 7816 ID-1 1.8V/3V/5V T=0, T=1
		SAM Card	2 (Up to 4)
	Contactless		ISO 14443 Type A, B ISO 18092 NFC Mifare & Sony FeliCa Working Frequency 13.56 MHz
	Dual SIM		Yes
Communications Interface Options	Wireless		4G LTE WLAN (802.11 b/g/n) Bluetooth
	Wire		Ethernet RS232 USB Dial-Up Modem (Optional)
Indicators	LED - Contactless		Yes
	Audio		Buzzer Speaker (Optional)
Keypad			15
Printer			High speed thermal printer, Max. print speed 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 9V/4A
Dimensions (L x W x H)			185 x 75 x 84 (mm)
Weight			350 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
Certification			PCI PTS 6.X EMV L1/L2 payWave PayPass Expersspay D-PAS Interac Flash J-Speedy FeliCa UnionPay UICS TQM