

# VEGA3000

## Countertop Series



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

- PCI PTS 6.X
- EMV Contact/ Contactless Lv1
- EMV Contact Lv2
- Contactless Scheme Certifications (PayPass, payWave, Expresspay, D-PAS, J-Speedy, QuickPass, etc.)



### Incredibly Adaptable

- 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

### V3CT3

<b>Processor</b>		32-bit Secure Microprocessor running powerful Linux based OS	
<b>Memory</b>	Flash/RAM	256MB/128MB	
	Micro-SD Socket	Yes (Optional)	
<b>Display</b>		3.5" Color TFT LCD   320 x 480 Pixels	
<b>Card Reader</b>	Magnetic Stripe	ISO 7810, 7811, 7813 Triple Track, Bi-Directional reading	
<b>Card Reader</b>	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	
<b>Communications Interface Options</b>		Wireless	4G LTE   WLAN (802.11 b/g/n)   Bluetooth
		Wire	Ethernet   RS232   USB   Dial-Up Modem (Optional)
<b>Indicators</b>	LED - Contactless		Yes
	Audio		Buzzer   Speaker (Optional)
<b>Keypad</b>		15	
<b>Printer</b>		High speed thermal printer, Max. print speed 100mm/sec	
<b>Software</b>		SDK   KMS   TMS   GDB   CTOS library   ISO 8583 library   Crypto library	
<b>Crypto</b>		TRNG   DES   T'DES   AES   RSA   MK/SK   DUKPT   T'DES DUKPT	
<b>Power Supply</b>		DC 9V/4A	
<b>Dimensions (L x W x H)</b>		185 x 75 x 84 (mm)	
<b>Weight</b>		350 g	
<b>Environment</b>	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
<b>Certification</b>		PCI PTS 6.X   EMV L1/L2   payWave   PayPass   Expersspay   D-PAS   Interac Flash   J-Speedy   FeliCa   UnionPay UICS   TQM	