

# VEGA3000

## Pin Pad



Large Touch Screen  
With Built-in NFC Reader

Large Backlit Keys

Secure Linux Platform

New Ergonomic Design

Castles Technology's high quality VEGA3000P device offers multifunctional capabilities for your business.

VEGA3000P offers options of Ethernet and USB communications and accepts all payment types – magnetic stripe, chip card and contactless.

VEGA3000P is a perfect device to enhance your payment system.

## FEATURES & BENEFITS



### Unprecedented Security and Certifications

- PCI PTS 4.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

# VEGA3000 Pin Pad



## SPECIFICATIONS

		V3P Touch	V3P Lite
<b>Processor</b>		32-bit Secure Microprocessor running powerful Linux based OS	
<b>Memory</b>	Flash/DDRDRAM	128 MB/64MB (Up to 256MB/128MB)	
	Micro-SD Socket	Yes	
<b>Display</b>		3.5" Color TFT LCD   320 x 480 Pixels	2.4" Color TFT LCD   320 x 240 Pixels
<b>Touch Screen</b>		Yes	No
<b>Card Reader</b>	Magnetic Stripe	ISO 7810, 7811, 7813 Triple Track, Bi-Directional	
<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 (Optional)	ISO 14443 Type A, B   ISO 18092 NFC Mifare & Sony FeliCa Working Frequency 13.56 MHz	
<b>Communications Interface Options</b>	Wire	Ethernet   RS232   USB	
<b>Indicators</b>	LED - Contactless	No	Yes
	Audio Buzzer	Yes	
<b>Keypad</b>	Standard Keys	15	
	Function Keys	No	3
<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 5V/1A	
<b>Dimensions (mm)</b>		145(L) x 77(W) x 56.8(H)	
<b>Weight</b>		260 g	285 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 4.x   EMV L1/L2   payWave   PayPass   ExperssPay   D-PAS   Interac Flash J-Speedy   FeliCa   UnionPay UICS   TQM   PBOC L1/L2	