

# VEGA3000

## Pin Pad



Large Touch Screen  
With Built-in NFC Reader

Large Backlit Keys

Secure Linux Platform

Compact Design

Castles Technology's newly designed VEGA3000 PIN Pad meets PCI PTS 5.0 requirement and offers multifunctional capabilities to optimize the checkout process.

VEGA3000 PIN Pad offers USB communication and accepts all payment types including magnetic stripe, chip card, and contactless.

With the compact design, VEGA3000 PIN Pad is an extremely easy, safe and secure for merchants looking for a next generation payment device.

## 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, QuickPass...)



### 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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## Pin Pad



## SPECIFICATIONS

		V3P3	
<b>Processor</b>		32-bit Secure Microprocessor running powerful Linux based OS	
<b>Memory</b>	Flash/RAM	256 MB / 128MB	
<b>Display</b>		3.5" Color TFT LCD   320 x 480 Pixels	
<b>Touch Screen</b>		Yes	
<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 6)
	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>Audio</b>		Speaker	
<b>Keypad</b>	Standard Keys	15	
<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/1A	
<b>Dimensions (L x W x H)</b>	With Privacy Shield	150 x 78.5 x 68 (mm)	
	Without Privacy Shield	150 x 78.5 x 39 (mm)	
<b>Weight</b>	With Privacy Shield	250g	
	Without Privacy Shield	225g	
<b>Environment</b>	Operating Temperature	0°C to 50°C	
	Storage Temperature	-20°C to 70°C	
	Operating Humidity	5% to 95% non-condensing	
	Storage Humidity	5% to 95% non-condensing	
<b>Certification</b>		PCI PTS 5.x   EMV L1/L2   payWave   PayPass   Expresspay   D-PAS   Interac Flash J-Speedy   FeliCa   UnionPay UICS   TQM	
<b>Optional Accessories</b>		Stylus Set   USB Cables   Privacy Shield	