

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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SPECIFICATIONS

		V3P3	
Processor		32-bit Secure Microprocessor running powerful Linux based OS	
Memory	Flash/RAM	256 MB / 128MB	
Display		3.5" Color TFT LCD 320 x 480 Pixels	
Touch Screen		Yes	
Card Reader	Magnetic Stripe	ISO 7810, 7811, 7813 Triple Track, Bi-Directional	
Card Reader	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
Communications Interface Options	Wire	Ethernet RS232 USB	
Audio		Speaker	
Keypad	Standard Keys	15	
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/1A	
Dimensions (L x W x H)	With Privacy Shield	150 x 78.5 x 68 (mm)	
	Without Privacy Shield	150 x 78.5 x 39 (mm)	
Weight	With Privacy Shield	250g	
	Without Privacy Shield	225g	
Environment	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	
Certification		PCI PTS 5.x EMV L1/L2 payWave PayPass Expresspay D-PAS Interac Flash J-Speedy FeliCa UnionPay UICS TQM	
Optional Accessories		Stylus Set USB Cables Privacy Shield	