VEGA3000
Countertop Series

Large Touch Screen
With Built-in NFC Reader

Large Backlit Keys

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 Wi-Fi, 2G, 3G, 4G, 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 4.x
- EMV Contact/ Contactless Lv1
- EMV Contact Lv2
- Contactless Scheme Certifications (Paypass, Paywave, ExpressPay, D-PAS, J-Speedy, QPBOC...

♻ Incredibly Adaptable

- Accepts all payment types
- Flexible to integrate business applications

✔ Exceptional Performance

- High Security Processor
- Operable under extreme conditions
- Linux open architecture OS

VEGA3000
Countertop Series

SPECIFICATIONS

		V3C Touch	V3C Lite
Processor		32-bit Secure Microprocessor running powerful Linux based OS	
Memory	Flash/DDRRAM	128 MB/64MB (Up to 256MB/128MB)	
	Micro-SD Socket	Yes	
Display		3.5" Color TFT LCD | 320 x 480 Pixels	2.4" Color TFT LCD | 320 x 240 Pixels
Touch Screen		Yes	No
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	
	Contact Card — SAM Card	2 (Up to 4)	
	Contactless (Optional)	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/3G/2G | Wi-Fi | Bluetooth	
	Wire	Ethernet | Dial-Up Modem | RS232 * 2 | USB * 2	
Indicators	LED - Contactless	No	Yes
	Audio Buzzer	Yes	
Keypad	Standard Keys	15	
	Function Keys	No	6
Printer		57 mm x 50 mm, 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	Power Adapter	DC 9V/4A	
	Battery	Li-Polymer 7.4~8.2V | 1150mAh | 5000mA (Max discharge current)	
Dimensions (mm)		190(L) x 78(W) x 78(H)	
Weight		350 g	375 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 4.x | EMV L1/L2 | payWave | PayPass | ExperssPay | D-PAS Interac Flash | J-Speedy | FeliCa | UnionPay UICS | TQM | PBOC L1/L2	
Optional Additional Feature		Speaker | Detachable Battery	