VEGA3000C
Countertop Series

Castles Technology's newly designed VEGA3000C device is built to last. It enables processing at lightning speeds with its powerful microprocessor.

VEGA3000C offers options of Wi-Fi, 2G, 3G, 4G, Bluetooth and USB communications and accepts all payment types - magnetic stripe, contact and contactless. It also has an optional backup rechargeable battery making it an ideal, secure, and a reliable device that will exceed your payment expectations.

3.5" Color TFT LCD Touch Screen

Large Backlit Keys

Secure Linux Platform

New Ergonomic Design

V3C Lite

V3CT2

Unprecedented Security
- PCI PTS 4.x, EMV L1 L2.

Incredibly Adaptable
- Options of Touchscreen availability.
- Accepts all payment types - contact,contactless and magnetic stripe.
- Flexible to integrate business applications.

Exceptional Performance
- High security processor.
- Designed and tested to perform under extreme conditions.
- Allows Linux open architecture OS.

Contactless Certifications
- Received most of the global contactless certifications.

CASTLES™
TECHNOLOGY

VEGA3000			V3C Touch	V3C Lite / V3CT2
Processor			32-bit Secure Microprocessor running powerful Linux based OS	
Memory	Flash/DDRRAM		128 MB/ 64MB (Up to 256 MB/ 128 MB)	
	Micro-SD Socket		Yes	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	
	Contact Card	User Card	ISO 7816 ID-1 1.8 V/3V/5V T=0, T=1	
		SAM Card (Up to 4)	2	2
	Contactless (Optional)		ISO 14443 Type A, B, ISO 18092 NFC and Mifare® & SONY® FeliCa Working Frequency 13.56MHz	
	Dual SIM		Yes	Yes
Communications Interface Options			4G LTE/ 3G/ 2G, Wi-Fi, Bluetooth	
			Ethernet, Dial-Up Modem, RS232 *2, USB * 2	
Indicator	LED - Contactless		No	Yes
	Audio Buzzer		Yes	Yes
Keypad	Standard Keys		15	15
	Function Keys		No	6
Power Supply			DC 9 V/ 4A	
Dimensions (L * W * H)			190 mm x 78 mm x 78 mm	
Weight			350g	375g
Printer With Graphical Capabilities			57 mm x 50 mm, 100mm/sec	
Environment	Operating Temperature		0˚C to 50˚C	
	Storage Temperature		-20˚ to 70˚C	
	Operating Humidity		5% to 90% non- condensing	
	Storage Humidity		5% to 95% non- condensing	
Certifications	Security & Payment		PCI PTS, EMV L1 L2, TQM, PBOC L1 L2, Visa payWave, MasterCard PayPass, AMEX ExpressPay, JCB J/Speedy, FeliCa, Interac Flash, UnionPay UICS, Discover D-PAS	
	Safety, EMC		C E,FCC ,UL , RoHS, WEEE	
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	
Optional Additional Feature			7.4V Li-Polymer Rechargeable Backup Battery, Speaker	

** Product technical specifications are subject to change without prior notice.

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