CASTLES™ TECHNOLOGY

VEGA3000

SECURED

MAGSTRIPE

SMART CARD

PIN ENTRY

CONTACTLESS

DEPENDABLE

Castles Technology; Trusted brand since 1993.
Global market leader in secured
contact and contactless payment.
RoHS, CE, FCC & BSMI certified.
Tested to perform even under extreme conditions.

ADAPTABLE

Offering the full range of payment,
communications and connectivity options.
Up to 4 SAM, expansive memory for multi-app support.
Ergonomic compact design fits any working space.
Cost efficient, Linux open architecture OS allows
flexibility in the integration of business applications.

SIGNATURE CAPTURE

FAST CASHLESS TRANSACTIONS

SECURED

PCI PTS, EMV L1 L2,
Visa payWave, MasterCard PayPass,
American Express, & JCB J/ Speedy certified.

MOBILE WALLET

LOYALTY PREPAID

INTUITIVE

3.5 touch screen or 2.4 color LCD screen
with in-built contactless reader enriches user experience.
Large backlit keypad and LCD screen provides
ease of pin entry in all lighting conditions.
Full range of communications / connectivity options &
ultra performance of Li-Polymer battery enable
efficient payment transactions anywhere.

ULTRA BATTERY

VEGA3000 Mobile Series			**V3M Touch**	**V3M Lite**
Processor			32 bits high performance secure Microprocessor, @ 400MHz	
Memory	Flash/ DDR RAM		128 MB/ 64 MB (Up to 256 MB/ 128 MB)	
	Micro-SD Socket		◎	◎
Display			3.5" color TFT-LCD 320x480 pixels	2.4" color TFT-LCD 320x240 pixels
Capacitive Touch Screen			◎	X
Card Reader	Magnetic Strip		ISO 7810, 7811 & 7813 Triple track, Bi-Directional	
	Contact Card	User Card	ISO 7816 ID-1 1.8V/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		◎	◎
Communications Interface (Optional)	Handset		UMTS, GPRS, CDMA, WiFi, Bluetooth, USB	
	Base		Ethernet, Dial-up Modem, Bluetooth, 3x RS232, USB	
Indicator	LED- 4 LEDs		X	◎
	Audio- Buzzer		◎	◎
Keypad	Standard Keys		15	15
	Function Keys		X	6
Power Supply			9V/ 4A	
Dimensions (L/W/H)	Handset		160 mm x 78 mm x 67 mm	
	Base		137.6 mm x 81 mm x 48.8 mm	
Weight	Handset		335g	360g
	Base		140g	
Printer With Graphical Capabilities			57 mm x 40 mm, 100 mm/ sec	
Environment	Operating Temperature		0 ℃ to 50℃	
	Storage Temperature		-20 ℃ to 70℃	
	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, American Express, & JCB J/ Speedy	
	Safety, EMC		CE, FCC, BSMI, RoHS	
Software			SDK, KMS, TMS, Simulator, CTOS library, ISO 8583 library, Crypto library	
Crypto			TRNG, DES, T'DES, AES, RSA, MK/SK, DUKPT, T'DES DUKPT	

CE　FC　RoHS　PCI　EMVCo　VISA　MasterCard paypass　UnionPay

**Product technical specifications are subject to change.
For latest information, visit http://www.castech.com.tw

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VEGA3000 Countertop Series			V3C Touch	V3C Lite
Processor			32 bits high performance secure Microprocessor, @ 400MHz	
Memory	Flash/ DDR RAM		128 MB/ 64 MB (Up to 256 MB/ 128 MB)	
	Micro-SD Socket		⊙	⊙
Display			3.5" color TFT-LCD	2.4" color TFT-LCD
			320x480 pixels	320x240 pixels
Capacitive Touch Screen			⊙	X
Card Reader	Magnetic Strip		ISO 7810, 7811 & 7813 Triple track, Bi-Directional	
	Contact Card	User Card	ISO 7816 ID-1 1.8V/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		⊙	⊙
Communications Interface (Optional)	Communications		UMTS, GPRS, CDMA, WiFi, Bluetooth	
	Connectivity		Ethernet, Dial-up Modem, 2x RS232, 2xUSB	
Indicator	LED- 4 LEDs		X	⊙
	Audio- Buzzer		⊙	⊙
Keypad	Standard Keys		15	15
	Function Keys		X	6
Power Supply			9V/ 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, 100 mm/ sec	
Environment	Operating Temperature		0 ℃ to 50℃	
	Storage Temperature		-20 ℃ to 70℃	
	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, American Express, & JCB J/ Speedy	
	Safety, EMC		CE, FCC, BSMI, RoHS	
Software			SDK, KMS, TMS, Simulator, CTOS library, ISO 8583 library, Crypto library	
Crypto			TRNG, DES, T'DES, AES, RSA, MK/SK, DUKPT, T'DES DUKPT	

Certifications / Logos: CE, FC (FCC), BSMI, RoHS 2002/95/EC, PCI Security Standards Council, EMVCo, VISA, MasterCard PayPass, American Express, JCB, UnionPay

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