



EFTPOS

Vega5000S



Description

Castles Technology, a leader in contact and contactless payments technology, introduces next-generation **Vega5000S**. Prized for portability, speed of service, and flexible communications options, **Vega5000S** builds on the performance and style of the popular Vega5000 line.

Equipped with high security 32 bits microprocessor, expanded memory, and enlarged LCD color display, **Vega5000S** combines great looks with high-performance, making it the perfect choice for quick service, high-volume merchant environments. Choose from the portable handset paired with communications base or non-modular countertop model for a seamless payments experience.

An optional customer-facing contactless reader affixed to the thermal printer cover supports A and B contactless card types from card emulation through NFC peer-to-peer mobile wallet transactions, and is certified by Visa payWave®, MasterCard® PayPass™, American Express and JCB J/Speedy. With a winning combination of multi-application, menu-driven design, Linux operating system, and PCI PTS certified internal PIN pad, **Vega5000S** is an ideal choice for traditional point of sale and next-generation customer-facing payments.



EF7TPOS Vega5000S



Features

- Mass Storage Support
- High Security CPU
- Open Architecture Linux Operating System
- Various Communication Interface
- PCI PTS v3.x Certified
- EMV 4.x L1 and L2 Certified
- Contactless Reader
(Visa payWave®, MasterCard® PayPass™ Certified)
- Portable & Countertop both types are available



Specifications

Processor	32 bits high performance secure Microprocessor, @ 400MHz			
Memory	Internal Memory	Flash : 128 MB or 128~512MB, DDR RAM: 32 MB, 64 MB or higher	Extension Memory	Micro SD socket
Display	2.4" TFT LCD 240(RGB) x 320 with backlight / 128 x 64 graphical LCD with backlight			
Card Readers	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	ID-0000, 4 SAM slots		
	Contactless	ISO 14443 Type A, B, ISO 18092 NFC and Mifare® & SONY® Felica Working frequency 13.56MHz (Optional)		
Crypto	TRNG, DES, T'DES, AES, RSA, MK/SK, DUKPT, T'DES DUKPT			
Communication Interface	Handset	RF	GPRS 900/1800/850/1900 MHz (Optional) UMTS / HSDPA 850/1900/2100 MHz (Optional) CDMA (Optional) Optional Optional	
		WiFi ZigBee USB	Optional Optional USB2.0 (Full Speed Host / Device compliant)	
	Base	Dial-up Modem Ethernet ZigBee RS232 USB	Built-in V.90 bis Fast Connect Modem and Support Sync HDLC 10/100 Ethernet Optional RS232 x 3 (Communication speed : up to 115200 bps) on base USB2.0 (Full Speed, Device only)	
Keypad	Up and down navigator Standard 15 keys EMV keypad 3-4 programmable function keys Backlight			
			Optional	
Indicator	LED	3 LEDs		
	Audio	Buzzer		
Printer	Thermal Type	Paper width: 58mm, Paper roll diameter: 40mm(Portable) / 50mm(Countertop, Max printer speed : 100mm/sec		
Power	Handset	Power Adaptor	9V/5A	
		Battery (Portable)	Li-Polymer 7.6whr built-in battery charger with the protector	
	Base	Input : AC100V/240V 50/60 Hz 2A Adaptor Output : 9V/5A		
Dimensions	Counter Top	Weight	180mm(L) x 82mm(W) x 71mm(H) 375g (without Li-Polymer battery)	
	Handset	Weight	175mm(L) x 82mm(W) x 64mm(H) 425g (with Li-Polymer battery)	
	Base		149mm(L) x 75mm(W) x 40mm(H)	
Environment	Temperature	Operating : 0°C to 50°C Storage : -20°C to 70°C		
	Humidity	Operating : 5% to 90% non-condensing Storage : 5% to 95% non-condensing		
Certifications	Security & Payment	PCI PTS EMV L1 L2 MC-PTS TQM PBOC L1 L2 Visa payWave Mastercard PayPass American Express JCB J/Speedy (For Contactless Model)		
	Safety, EMC	UL CE FCC BSMI RoHS		
Software	SDK, KMS, TMS, Simulator, CTOS library, ISO 8583 library, Crypto library			

Features and specifications are subject to change without prior notice.



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