



Saturn 1000-L

5" Color Touch Screen

Front Camera

Secure Android Platform

Bluetooth, Wi-Fi, 3G/4G

Castles Technology's newly designed SATURN1000-L next generation countertop device offers multifunctional capabilities and optimizes the checkout process for your business. It comes with several optional features including 4G LTE/3G, Wi-Fi, Bluetooth, front camera, and stylus holder.

The SATURN1000-L is based on a secure Android platform and has integrated contactless reader with a 5" full touchscreen.

SATURN1000-L 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, J-Speedy, QuickPass, etc.)



Incredibly Adaptable

- Accepts all payment types
- Flexible to integrate business applications



Exceptional Performance

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

SATURN 1000-L



SPECIFICATIONS

			SATURN1000-L
Processor			High Speed Quad-Core Processor plus Secure MCU
Memory	Flash/RAM		8GB/1GB (Up to 16GB/2GB)
	Micro-SD Socket		Yes
OS			Android 6.X
Display			5" Color TFTLCD with Capacitive Touch Panel 1280 x 720 Pixels
Card Reader	Magnetic Stripe		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	2 (Up to 4)
		SIM Card	1 (Up to 2)
	Contactless (Optional)		ISO 14443 Type A, B ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz Virtual LED
Communications Interface Options	Wireless		4G LTE/3G Wi-Fi Bluetooth
	Wire		USB-C OTG x 1 RS232 x 1 Ethernet x 1
Indicators	Audio		Buzzer (Speaker is optional)
Keypad			Virtual Keypad (Support PIN on Touch)
Software			SDK KMS TMS GDB CTOS library ISO 8583 library Crypto library
Crypto			TRNG DES T'DES AES RSA MK/SK DUKPT
Power Supply	DC		5V/2A (USB-C) 9V/3A (DC Jack)
Dimensions (mm)			160(L)x128(W)x27(H)
Weight			325 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 5.X EMV L1/L2 payWave PayPass Expresspay Interac Flash J-Speedy FeliCa UnionPay UICS TQM
Optional Additional Features			Front Camera Stylus