



Saturn 2000-L

Front Camera

8" Color Touch Screen

Secure Android Platform

Antimicrobial Coating Screen

Castles Technology's new all-in-one designed SATURN2000-L offers multifunctional capabilities and streamlines customer's shopping experiences. SATURN2000-L comes with several communication options including USB, RS232, WLAN, Bluetooth, and Ethernet.

Working with an optional stand, SATURN2000-L provides a perfect solution to simplify the shopping process and successfully make the payment easier.

Engineered to meet today's demands of easy-to-use, multi-function, and large touch screen, SATURN2000-L is an ideal product for a wide range of environments, such as restaurant, grocery store, and shopping center.

FEATURES & BENEFITS



Unprecedented Security and Certifications

- PCI PTS v6.x
- EMV Contact/ Contactless L1
- EMV Contact L2
- Contactless Scheme Certifications (Paypass, Paywave, ExpressPay, D-PAS, J/Speedy, etc.)



Incredibly Adaptable

- Accepts all payment types
- Flexible to integrate business applications



Exceptional Performance

- High Security Processor
- Operable under extreme conditions
- Secure Android architecture

SATURN 2000-L



SPECIFICATIONS

S2L

Processor			High performance Octa-core 1.8GHz CPU + Secure processor
Operating System			Android 10
Memory	Flash/RAM		16GB/2GB
	Micro-SD Socket		Yes
Display			8" 1280 x 800 Color TFT Capacitive Touch Display with Antimicrobial Coating
Card Reader	Magnetic Stripe		ISO 7810, 7811, 7813 Triple Track, Bi-Directional reading
	Contact Card	User Card	ISO 7816 ID-1 1.8V/3V/5V T=0, T=1
		SAM Card	2 (up to 4)
	Contactless		ISO 14443 Type A, B ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz
Communication Interface Options	Wire		USB RS232 Ethernet
	Wireless		WLAN (802.11 a/b/g/n/ac 2.4G & 5G) Bluetooth
Indicators	Audio		Speaker and 4 Pole Audio Jack Microphone
Keypad			15 key keypad
Camera			8M Pixel AF with Flash Light Front Camera
Software			SDK KMS TMS GDB CTOS library ISO 8583 library Crypto library
Crypto			TRNG DES TDES AES RSA MK/SK DUKPT
Power Supply	DC		12V/1A
Dimensions (L x W x H)			210 x 200 x 29.5 (mm)
Weight			748g
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 v6.X EMV L1/L2 payWave PayPass ExpressPay D-PAS Interac Flash J/Speedy FeliCa QuickPass TQM
Additional Features			External I/O Hub
Optional Accessories			Stand