



Saturn

1000 MINI

Castles Technology's newly designed SATURN1000 MINI next generation mobile device offers multifunctional capabilities and optimizes the checkout process for your business.

The SATURN1000 MINI is based on a secure Android platform and comes with several features including 4G LTE, WLAN, Bluetooth, and front camera.

The SATURN1000 MINI is an extremely easy, safe and secure for merchants looking for a next generation payment device.

Front Camera

Compact Design

Secure Android Platform

FEATURES & BENEFITS



Unprecedented Security and Certifications

- PCI PTS v6.x
- EMV Contact/ Contactless Lv1
- EMV Contact Lv2
- Contactless Scheme Certifications (PayPass, payWave, ExpressPay, D-PAS, J/Speedy, QuickPass, etc.)



Incredibly Adaptable

- Equipped with front camera
- Flexible to integrate business applications



Exceptional Performance

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

SATURN1000 MINI



SPECIFICATIONS

			S1 MINI
Processor			High performance A53 Quad core 1.3GHz CPU + Secure MCU
Operating System			Android 10
Memory	Flash/RAM		16GB / 2GB
Display			3.97" TFT Color Display, with Capacitive Touch screen
Card Reader	Contact Card	User Card	ISO 7816-1-2-3 EMV compliance ID-1 1.8V/3V/5V T=0, T=1
		SAM Card	1
		SIM Card	1, eSIM support(Optional)
	Contactless		ISO 14443 Type A, B ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz
Communication Interface Options	Wire		USB Type C
	Wireless		4G LTE WLAN (802.11 a/b/g/n/ac, 2.4G and 5G) Bluetooth
Indicators	Audio		Speaker
Camera			Front camera
Keypad			Virtual Keypad on Touch Panel
Software			SDK KMS TMS GDB CTOS library ISO 8583 library Crypto library
Crypto			TRNG DES TDES AES RSA MK/SK DUKPT
Power Supply	DC		5V/2A
	Battery		Li-ion Rechargeable Battery 3.7V 1600mAh
Dimensions (L x W x H)			119 x 65 x 15 (mm)
Weight			150g
Environment	Operating Temperature		Charging: 0°C to 35°C, Discharging: 0°C to 45°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 J/Speedy FeliCa QuickPass TQM
Optional Accessories			Charging Cradle Bracket Stylus