



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, Wi-Fi, 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

SATURN 1000 MINI



SPECIFICATIONS

		SATURN1000 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
		SAM Card
		SIM Card
	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 Wi-Fi (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 T'DES 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