

5.5" Color Touch Screen

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Secure Android Platform

Rear Camera (Optional)

Barcode Reader (Optional)

# Saturn 1000F2

Castles Technology's newly designed SATURN1000F2 next generation mobile 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, microphone, rear camera, barcode reader, and stylus.

The SATURN1000F2 is based on a secure Android platform and has integrated contactless reader function with a 5.5" full touchscreen. The SATURN1000F2 is an extremely easy, safe and secure for merchants looking for a next generation payment device.

### FEATURES & BENEFITS

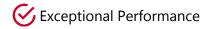
#### Unprecedented Security and Certifications

- PCI PTS 6.x
- EMV Contact/ Contactless Lv1
- EMV Contact Lv2
- Contactless Scheme Certifications (Paypass, Paywave, ExpressPay, D-PAS, J-Speedy, QPBOC...)

# SATURN 1000F2

## Incredibly Adaptable

- Optional barcode reader
- Accepts all payment types
- Flexible to integrate business applications



- High Security Processor
- Operable under extreme conditions

SATURN1000F2

Secure Android architecture

## SPECIFICATIONS

			SATURN1000F2
Processor			High Speed Quad Core, 1.3 GHz Processor plus Secure MCU
Operating System			Android 9.0
Memory	Flash/RAM		8GB/1GB (Up to 16GB/2GB)
	Micro-SD Socket		Yes
Display			5.5" 1280 x720 Color TFT Capacitive Touch Display
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
		SIM Card	2
	Contactless		ISO 14443 Type A, B   ISO 18092 NFC   Mifare and Sony FeliCa Working Frequency 13.56MHz
Communications Interface Options	Wireless		4G LTE/3G/GPRS   Wi-Fi   Bluetooth
	GPS		Yes
Indicators	Audio		Speaker and 4 Pole Audio Jack   Microphone
Keypad			Virtual Keypad (Support PIN on Touch)
Printer			57mm x 40mm (Paper Roll Size), 100mm/sec (Print Speed)
Camera			5M Pixel AF with Flash Light Rear Camera
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		6000mAh/3.7V Li-ion Rechargeable Battery
Dimensions (L x W x H)			200 x 78 x 56 (mm)
Weight			495 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 6.X   EMV L1/L2   payWave   PayPass   ExperssPay   D-PAS Interac Flash   J-Speedy   FeliCa   UnionPay UICS   TQM   PBOC L1/L2
Additional Features			2M Pixel FF Front Camera   Rear Barcode Reader
Optional Accessories			Charging Cradle   Communication Cradle

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