



5.5" Color Touch Screen

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, WLAN, 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...)



### Incredibly Adaptable

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



### Exceptional Performance

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

# SATURN 1000F2



## SPECIFICATIONS

			SATURN1000F2
<b>Processor</b>			High Speed Quad-Core 32-bit Processor plus Secure MCU
<b>Operating System</b>			Android 9.0
<b>Memory</b>	Flash/RAM		8GB/1GB (Up to 16GB/2GB)
	Micro-SD Socket		Yes
<b>Display</b>			5.5" 1280 x 720 Color TFT Capacitive Touch Display
<b>Card Reader</b>	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
<b>Communications Interface Options</b>	Wireless		4G LTE/3G/GPRS   WLAN   Bluetooth
	GPS		Yes
<b>Indicators</b>	Audio		Speaker and 4 Pole Audio Jack   Microphone
<b>Keypad</b>			Virtual Keypad (Support PIN on Touch)
<b>Printer</b>			57mm x 40mm (Paper Roll Size), 100mm/sec (Print Speed)
<b>Camera</b>			5M Pixel AF with Flash Light Rear Camera
<b>Software</b>			SDK   KMS   TMS   GDB   CTOS library ISO 8583 library   Crypto library
<b>Crypto</b>			TRNG   DES   T'DES   AES   RSA   MK/SK   DUKPT
<b>Power Supply</b>	DC		5V/2A
	Battery		6000mAh/3.7V Li-ion Rechargeable Battery
<b>Dimensions (L x W x H)</b>			200 x 78 x 56 (mm)
<b>Weight</b>			495 g
<b>Environment</b>	Operating Temperature		-10°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
<b>Certification</b>			PCI PTS 6.x   EMV L1/L2   payWave   PayPass   ExperssPay   D-PAS Interac Flash   J-Speedy   FeliCa   UnionPay UICS   TQM   PBOC L1/L2
<b>Additional Features</b>			2M Pixel FF Front Camera   Rear Barcode Reader
<b>Optional Accessories</b>			Charging Cradle   Communication Cradle