



5.5" Color Touch Screen

Secure Android Platform

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 communication features including USB, 4G LTE, Wi-Fi, Bluetooth, rear camera, and microphone.

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, etc.)



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

SATURN1000F2

SPECIFICATIONS			SATURN1000F2
Processor			ARM A53 Quad-Core 1.3GHz Processor + M3 Secure Processor
Operating System			COB: Android 9 MOB: Android 10
Memory	Flash/RAM		16GB/2GB
	Micro-SD Socket		Yes
Display			5.5” 1280 x720 Color TFT, with Capacitive Touch Display
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
		SIM Card	2
	Contactless		ISO 14443 Type A, B ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz
Communications Interface Options	Wire		USB Type C 2.0 OTG
	Wireless		Wi-Fi 802.11 a/b/g/n/ac 2.4G/5G BT 4.2 + BR/EDR + BLE 4G LTE (COB/ MOB) GPRS
	GPS		Yes
Indicators	Audio		Speaker 4 Pole Audio Jack Microphone
Printer			Paper Roll Size: 57mm (W) x 40mm (DIAM.) Print Speed: 100mm/sec
Camera			Rear Camera: 5 Megapixel Auto Focus with Flash LED Front Camera: 2 Megapixel Fixed Focus Professional Barcode (Optional) ※ If Barcode is selected, Front Camera is not available.
Software			SDK KMS TMS GDB CTOS library ISO 8583 library Crypto library
Crypto			TRNG DES T ² 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) (mm)			Standard: 203.88 x 80 x 56.74 with Barcode: 206.09 x 82.8 x 54.96
Weight			492g 500.6g
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
Accessories			5V/2A Power Adapter USB Cable Charging Cradle (Optional) Communication Cradle (Optional)