S1F3
Portable

Castles Technology's newly designed S1F3 next generation mobile device offers multifunctional capabilities and optimizes the checkout process for your business. It comes with several features including 4G LTE/3G/2G, WLAN, Bluetooth, rear camera, front camera, and microphone.
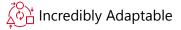
The S1F3 is based on a secure Android platform and has integrated contactless reader function with a 5.5" full touchscreen.

The S1F3 is extremely easy, safe and secure for merchants looking for a next generation payment device.

5.5" Color Touch Screen

Secure Android Platform

High Performance Processor

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

SATURN 1000 Series

SPECIFICATIONS

			S1F3
Processor			ARM A53 Quad-Core 2.0GHz Processor + Secure Processor
Operating System			Android 12
Memory	Flash/RAM		32GB/2GB
	Micro-SD Socket		Yes
Display			5.5" TFT Color Display (1440 x 720 Pixels) with Capacitive Touch Screen
Card Reader	Magnetic Stripe		ISO 7810, 7811, 7813 Triple Track, Bi-Directional reading
	Contact Card	User Card	ISO 7816-1-2-3 EMV Compliance ID-1 1.8V/3V/5V T=0, T=1
		SAM Card	2
		SIM Card	1, support eSIM (Option)
	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		WLAN 802.11 a/b/g/n/ac, 2.4G & 5G	Bluetooth 5.0	4G LTE/3G/2G
	GPS		Yes
Indicators	Audio		Speaker	Microphone
Printer			Paper Roll Size: 57mm (W) x 40mm (DIAM.)	Print Speed: 100mm/sec
Camera			Rear Camera: 5 Megapixel Auto Focus Front Camera: 2 Megapixel Fixed Focus (Option)
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		2600mAh/7.4V Li-ion Rechargeable Battery
Dimensions (L x W x H)			200 x 82.73 x 56.65 (mm)
Weight			380g
Environment	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
Certification			PCI PTS 6.x	EMV L1/L2	payWave	PayPass	ExperssPay	D-PAS	Interac Flash	J-Speedy	FeliCa	UnionPay UICS	TQM
Accessories (Option)			5V/2A Power Adapter	Charging Cradle	Mini Charger