CASTLES TECHNOLOGY

S1F3
Countertop

5.5" Color Touch Screen

Secure Android Platform

High Performance Processor

Castles Technology's newly designed S1F3 next generation countertop device offers multifunctional capabilities and optimizes the checkout process for your business. It comes with several features including 4G LTE/3G/2G, WLAN, Bluetooth, front camera, and ethernet, RS232, USB for wire connectivity.

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.

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 Countertop
Processor			ARM A53 Quad-Core 2.0GHz Processor + Secure Processor
Operating System			Android 12/13 Go
Memory	Flash/RAM		8GB/1GB (up to 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	2, 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 | USB Type A | RS232 | Ethernet
	Wireless		WLAN 802.11 a/b/g/n/ac, 2.4G & 5G | Bluetooth 5.0 | 4G LTE/3G/2G
	GPS		Yes
Audio			Speaker | Audio Jack
Printer			Paper Roll Size: 57mm (W) x 50mm (DIAM.) | Print Speed: 80mm/sec
Camera			Front Camera: 0.3 Megapixel Fixed Focus
Software			SDK | KMS | TMS | GDB | CTOS library | ISO 8583 library | Crypto library
Crypto			TRNG | DES | TDES | AES | RSA | MK/SK | DUKPT
Power Supply	DC		9V/4.5A
Dimensions (L x W x H)			217 x 80 x 81 mm
Weight			465g
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 | QuickPass | TQM
Accessories (Option)			DC Adapter