Saturn
1000P

PINPAD ANDROID Simply Smart, Newly Nimble

Castles Technology's newly designed S1P to enhance retail check out experience by offering multi -communications capabilities (eth, USB, 4G, WLAN, BT) to accelerate your business with cutting-edge android technology.

The S1P is your window into a whole new world that connects to any cash register, terminal or self-service checkout system, it comes with a stunning 4" touchscreen, physical keypad, and a nimble design to deliver a unique customer experience unlike any other.

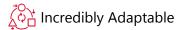Convenient, the S1P offers strong performances powered by Android 10.0.

4" Color Touch Screen

Front Camera

Secure Android Platform

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...)

Incredibly Adaptable

- Equipped with front camera
- Accepts all payment types
- Flexible to integrate business applications

Exceptional Performance

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

SATURN 1000P

SPECIFICATIONS

			S1P
Processor			High performance Quad-core 1.3GHz CPU + Secure processor
Memory	Flash/RAM		8GB/1GB (Up to 16GB/2GB)
Operating System			Android 10
Display			4" Color TFT LCD with Capacitive Touch Panel | 480 x 800 pixels
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 (Up to 4)
		SIM Card	2
	Contactless		ISO 14443 Type A, B | ISO 18092 NFC | Mifare and Sony FeliCa | Working Frequency 13.56MHz
Communication Interface Options	Wire		USB | RS232 | Ethernet
	Wireless		WLAN (802.11 b/g/n/ac, 2.4G & 5G) | Bluetooth | 4G LTE (Option)
Indicators	Audio		Speaker
Keypad			Build-in Keypad
Camera			5M Front Camera
Software			SDK | KMS | TMS | CTOS library | ISO 8583 library | Crypto library
Crypto			TRNG | DES | T'DES | AES | RSA | MK/SK | DUKPT
Power Supply	DC		12V/1A
Dimensions (L x W x H)			189.2 x 83.9 x 49.4 mm
Weight			362g
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
Optional Accessories			Cables | Stylus Pen | PIN Shield