# Saturn
## 1000-L2

- 5" Color Touch Screen
- Front Camera
- Secure Android Platform
- Bluetooth, WLAN, 3G/4G

Castles Technology's newly designed SATURN1000-L2 countertop device offers multifunctional capabilities and optimizes the checkout process for your business.
It comes with several optional features including 4G LTE/3G, WLAN, Bluetooth, front camera, and stylus holder.

The SATURN1000-L2 is based on a secure Android platform and has integrated contactless reader with a 5" full touchscreen.

SATURN1000-L2 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, J-Speedy, QuickPass, etc.)

### Incredibly Adaptable

- Accepts all payment types
- Flexible to integrate business applications

### Exceptional Performance

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

# SATURN1000-L2

# SPECIFICATIONS

| | | | S1L2 |
|---|---|---|---|
| Processor | | | High performance Quad-Core 1.3GHz CPU + Secure Processor |
| Memory | Flash/RAM | | 16GB/2GB |
| | Micro-SD Socket | | Yes |
| OS | | | Android 10 |
| Display | | | 5" Color TFTLCD with Capacitive Touch Panel \| 1280 x 720 Pixels |
| Card Reader | Magnetic Stripe | | ISO 7810, 7811, 7813 Triple Track, Dual MS head |
| | Contact Card | User Card | ISO 7816 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 Virtual LED |
| Communications Interface Options | Wireless | | 4G LTE/3G \| WLAN (802.11 a/b/g/n/ac) \| Bluetooth |
| | Wire | | USB-C OTG x 1 RS232 x 1 Ethernet x 1 |
| Indicators | Audio | | Buzzer \| Speaker |
| Camera | | | 2MP Front camera |
| Keypad | | | Virtual Keypad (Support PIN on Touch) |
| Software | | | SDK \| KMS \| TMS \| GDB \| CTOS library \| ISO 8583 library \| Crypto library |
| Crypto | | | TRNG \| DES \| T'DES \| AES \| RSA \| MK/SK \| DUKPT |
| Power Supply | DC | | 5V/2A (USB-C) \| 12V/1A (DC Jack) |
| Dimensions (mm) | | | 160(L) x 128.2(W) x 29.8(H) |
| Weight | | | 327g |
| 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 \| Expresspay \| D-PAS \| Interac Flash \| J-Speedy \| QuickPass \| FeliCa \| TQM |
| Optional Accessories | | | Stylus |