



S1U2

Android

Unattended Terminal Series

Castles Technology's newly designed S1U2 offers multifunctional capabilities for your unattended payment needs such as vending, ticketing, multimedia kiosks, public transportation, laundromats, and other self-service solutions.

The S1U2 is based on a secure Android platform and has integrated magnetic stripe, chip and contactless card reader functions.

Lastly, the S1U2 is a perfect, durable and cost-effective device for any unattended business needs..

Front Camera

5" Color Touch Screen

Secure Android Platform

Barcode Scanner (Optional)

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

- Optional barcode scanner
- Accepts all payment types
- Flexible to integrate business applications



Exceptional Performance

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

S1U2



SPECIFICATIONS

		S1U2	
Processor		High Performance Quad-Core 1.3GHz Processor + Secure Processor	
Memory	Flash/RAM	16GB/2GB	
Operating System		Android 10	
Display		5" Color TFT LCD with Capacitive Touch Panel 1280 x 720 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
		SIM Card	2 (one of S1M supports eSIM)
	Contactless	ISO 14443 Type A, B ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz	
Communication Interface Options	Wire	RS232 USB MDB Ethernet	
	Wireless	4G LTE WLAN (802.11 a/b/g/n/ac, 2.4G & 5G) Bluetooth	
Indicators	Audio	Buzzer Speaker Microphone	
Keypad		Virtual Keypad (Support PIN on Touch)	
Camera		5M pixel Auto Zoom camera with flash LED	
Software		SDK KMS TMS GDB CTOS library ISO 8583 library Crypto library	
Crypto		TRNG DES TDES AES RSA MK/SK DUKPT	
Power Supply	DC	9-48V	
Dimensions (L x W x H)		168 x 110.15 x 55.5 mm	
Weight		701g	
Environment	Operating Temperature	-20°C to 65°C	
	Storage Temperature	-35°C to 70°C	
	Operating Humidity	5% to 90% non-condensing	
	Storage Humidity	5% to 90% non-condensing	
	IP Ingress Protection	IP 65 (Front side only)	
	IK Shock Protection	IK 10 (Front side only)	
Certification		PCI PTS 6.X EMV L1/L2 payWave PayPass ExpressPay D-PAS Interac Flash J-Speedy FeliCa UnionPay UICS TQM	
Optional Features		Barcode Scanner	