



S1U2

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	
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			709g
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 ExperssPay D-PAS Interac Flash J-Speedy FeliCa UnionPay UICS TQM
Optional Features			Barcode Scanner