

UPT1000

Unattended Terminal Series

- Secure and high performance MCU
- Secure Linux operating system
- 2.4" color display with physical keypad
- PCI PTS v 4.x, EMV L1 and EMV L2 certified
- Built-in magnetic stripe, contact and contactless readers
- Supports ISO 14443 Type A, B, ISO 18092 NFC and Sony FeliCa
- Supports RS232, USB, Ethernet and GPRS/3G
- Supports MDB/EXE interface

Castles Technology's newly designed UPT1000 device offers multifunctional capabilities for your unattended payment needs such as vending, ticketing, multimedia kiosks, public transportation, laundromats and any other self service solutions. The UPT1000 is based on a secure Linux platform and has integrated PIN pad, magnetic stripe, chip and contactless card reader functions. The UPT1000 is a perfect, durable and cost-effective device for any unattended business needs.



FEATURES & BENEFITS

Unprecedented Security and Certifications

- PCI PTS 4.x
- EMV Contact/ Contactless Lv1
- EMV Contact Lv2
- Contactless Scheme Certifications (Paypass, Paywave, ExpressPay, D-PAS, J-Speedy, QPBOC...

Incredibly Adaptable

- Optional Touch Availability
- Accepts all payment types
- Flexible to integrate business applications

Exceptional Performance

- High Security Processor
- Designed and tested to perform under extreme conditions
- Allows Linux open architecture OS

UPT1000

Unattended Payment Terminal Series

SPECIFICATIONS

		UPT1000
Processor		32-bit Secure Microprocessor running powerful Linux based OS
Memory	Flash/RAM	128MB/64MB (Up to 256MB/128MB)
Display		2.4" 320 x 240 Pixels Color TFT LCD
Touch Screen		No
Card Reader	Magnetic Stripe	ISO 7810, 7811, 7813 Triple Track, Bi-Directional
Card Reader	Contact Card	ISO 7816 ID-1 1.8V/3V/5V T=0, T=1
	SAM Card	2 (Up to 4)
Card Reader	Contactless (Optional)	ISO 14443 Type A, B ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz
Card Reader	Dual SIM	Yes
Communications Interface Options	Wire	RS232*3 USB OTG*1 USB Host*2
	Wireless	2G/3G/4G Bluetooth iBeacon Ethernet
Indicators	LED - Contactless	Yes
	Speaker	Yes
Keypad	Standard Keys	16
Software		SDK KMS TMS GDB CTOS library ISO 8583 library Crypto library
Crypto		TRNG DES T'DES AES RSA MK/SK DUKPT T'DES DUKPT
Power Supply	Power Adaptor	9V to 34V (MDB series: 9V~45V)@1.5A~0.5A
Dimensions	Terminal	160 x 78 x 67 (mm)
Weight		360 g
Environment	Operating Temperature	-20°C to 65°C
	Storage Temperature	-40°C to 70°C
	Operating Humidity	5% to 90% non-condensing
	Storage Humidity	5% to 90% non-condensing
	IP Ingress Protection	IP 54
	IK Shock Protection	IK 08
Certifications		PCI PTS 4.x EMV L1/L2 payWave PayPass ExpressPay D-PAS Interac Flash J-Speedy FeliCa UnionPay UICS TQM PBOC L1/L2