UPT1000
Unattended Terminal Series

- Secure and high performance MCU
- Secure Linus operating system
- 3.5" color display with touch screen or 2.4" color display with physical keypad
- PCI PTS v 5.x, EMV L1 and EMV L2 certified
- Built-in magnectic stripe, contact and contactless readers
- Supports ISO 14443 Type A, B, ISO 18092 NFC and Sony FeliCa
- Supports RS232, USB, Ethernet and GPRS/3G
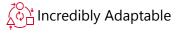- Supports MDB/EXE interface

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 effecive device for any unattended business needs.

www.castlestech.com

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

			UPT1000F	UPT1000
Processor			32-bit Secure Microprocessor running powerful Linux based OS	
Memory	Flash/RAM		256MB/128MB	128MB/64MB (Up to 256MB/128MB)
Display			3.5" Color TFT LCD | 320 x 480 Pixels	2.4" Color TFT LCD | 320 x 240 Pixels
Touch Screen			Yes	No
Card Reader	Magnetic Stripe		ISO 7810, 7811, 7813 Triple Track, Bi-Directional	
Card Reader	Contact Card	User Card	ISO 7816 ID-1 1.8V/3V/5V T=0, T=1	
		SAM Card	2 (Up to 4)	
	Contactless (Optional)		ISO 14443 Type A, B| ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz	
	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		No	Yes
	Speaker		Yes	
Keypad	Standard Keys		Virtual Keypad (Support PIN on touch)	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			335 g	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 5.X | EMV L1/L2 | payWave | PayPass | ExpressPay | D-PAS | Interac Flash J-Speedy | FeliCa | UnionPay UICS | TQM | PBOC L1/L2	