

# UPT1000 Full Touch

## Unattended Terminal Series

- Secure and high performance MCU
- Secure Linux operating system
- 3.5" color display with touch screen
- PCI PTS v 5.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 RS-232, USB, Ethernet and GPRS/3G
- Supports MDB/EXE interface

Castles Technology's newly designed UPT1000F 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 UPT1000F is based on a secure Linux platform and has integrated PIN pad, magnetic stripe, chip and contactless card reader functions.

The UPT1000F is a perfect, durable and cost-effective device for any unattended business needs.

[www.castlestech.com](http://www.castlestech.com)





# FEATURES & BENEFITS

## Unprecedented Security and Certifications

- PCI PTS 5.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

# UPT1000F

## Unattended Payment Terminal Series

# SPECIFICATIONS

			UPT1000F
Processor			32-bit Secure Microprocessor running powerful Linux based OS
Memory	Flash/RAM		256MB/128MB
Display			3.5" 320 x 480 Pixels Color TFT LCD
Touch Screen			Yes
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
	Speaker		Yes
Keypad	Standard Keys		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   T'DES DUKPT
Power Supply	Power Adaptor		9V to 34V (MDB series: 9V~48V)@1.5A~0.5A
Dimensions	Terminal		160 x 78 x 67 (mm)
Weight			335 g
Environment	Operating Temperature		-20°C to 65°C
	Storage Temperature		-35°C to 65°C
	Operating Humidity		5% to 90% non-condensing
	Storage Humidity		5% to 95% 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