

# UPT1000 Full Touch

## Unattended Terminal Series

- Secure and high performance MCU
- Secure Linux operating system
- 3.5" color display with touch screen
- PCI PTS 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.



# 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
<b>Processor</b>		32-bit Secure Microprocessor running powerful Linux based OS
<b>Memory</b>	Flash/RAM	256MB/128MB
<b>Display</b>		3.5" 320 x 480 Pixels Color TFT LCD
<b>Touch Screen</b>		Yes
<b>Card Reader</b>	Magnetic Stripe	ISO 7810, 7811, 7813 Triple Track, Bi-Directional
<b>Card Reader</b>	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
<b>Communications Interface Options</b>	Wire	RS232*3   USB OTG*1   USB Host*2
	Wireless	2G/3G/4G   Bluetooth iBeacon   Ethernet
<b>Indicators</b>	LED - Contactless	No
	Speaker	Yes
<b>Keypad</b>	Standard Keys	Virtual Keypad (Support PIN on touch)
<b>Software</b>		SDK   KMS   TMS   GDB   CTOS library   ISO 8583 library   Crypto library
<b>Crypto</b>		TRNG   DES   T'DES   AES   RSA   MK/SK   DUKPT   T'DES DUKPT
<b>Power Supply</b>	Power Adaptor	9V to 34V (MDB series: 9V~48V)@1.5A~0.5A
<b>Dimensions (L x M x H)</b>	Terminal	106 x 85 x 62 (mm)
<b>Weight</b>		335 g
<b>Environment</b>	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 65
	IK Shock Protection	IK 08
<b>Certifications</b>		PCI PTS 5.x   EMV L1/L2   payWave   PayPass   ExpressPay   D-PAS   Interac Flash J-Speedy   FeliCa   UnionPay UICS   TQM   PBOC L1/L2