CASTLES™ TECHNOLOGY

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 certified
- Supports contactless reader
- Supports ISO 14443 Type A, B, ISO 18092 NFC and Sony FeliCa
- Supports USB, RS232, Ethernet, Bluetooth and GPRS/3G/4G LTE
- Supports barcode reader
- Supports MDB interface
- Supports Apple Pay, Google Pay

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 Castles' secure Linux platform and has integrated magnetic stripe, chip and contactless card reader functions.
The UPT1000F is a perfect, durable and cost-effective device for any unattended business needs.
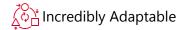
www.castlestech.com

Welcome

CASTLES

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…etc)

🔄 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		High performance secure 400MHz Processor
Memory	Flash/RAM	256MB/128MB
Display		3.5" TFT LCD with 600 nits backlight | 320x480 pixels
Touch Screen		Yes
Card Reader	Magnetic Stripe	ISO 7810, 7811, 7813 Triple Track, Bi-Directional
	Contact Card — User Card	ISO 7816 ID-1 1.8V/3V/5V T=0, T=1
	SAM Card	2 (Up to 4)
	Contactless	ISO 14443 Type A, B| ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz
	Dual SIM	Yes
Communications Interface Options	Wire	RS232*2 | USB*2 | Ethernet | MDB (optional)
	Wireless	GPRS/3G/4G LTE | Bluetooth
Indicators	Virtual LED	Yes
	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 Input	9V to 48V
Dimensions (L x M x H)		106 x 85 x 62 (mm)
Weight		360.6 g
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)
Certifications		PCI PTS 5.x | EMV L1/L2 | payWave | PayPass | ExpressPay | D-PAS | Interac Flash | J-Speedy | FeliCa | QuickPass | eftpos | TQM