

UPT1000 Full Touch Contactless 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

Castles Technology's newly designed UPT1000F-C 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-C is based on a secure Linux platform with barcode reader and contactless card reader functions. The UPT1000F-C is a perfect, durable and cost-effective device for any unattended business needs.

www.castlestech.com



FEATURES & BENEFITS



Unprecedented Security and Certifications

- PCI PTS 5.x
- EMV Contactless Lv1
- Contactless Scheme Certifications (PayPass, payWave, ExpressPay, D-PAS, J-Speedy, etc.)



Incredibly Adaptable

- Optional Touch Availability
- Flexible to integrate business applications



Exceptional Performance

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

UPT1000F-C

Unattended Payment Terminal Series

SPECIFICATIONS

		UPT1000F-C
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	Contactless	ISO 14443 Type A, B ISO 18092 NFC Mifare and Sony FeliCa Working Frequency 13.56MHz
	SAM Card	2 (up to 4)
	SIM Card	2
Communications Interface Options	Wire	RS232*2 USB*2 MDB Ethernet
	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 - 48V
Dimensions (L x M x H)		128 x 94 x 64 (mm)
Weight		435 g
Environment	Operating Temperature	-10°C to 60°C
	Storage Temperature	-30°C to 70°C
	Operating Humidity	5% to 90% non-condensing
	Storage Humidity	5% to 90% non-condensing
	IP Ingress Protection	IP 65
	IK Shock Protection	IK 10
Certifications		PCI PTS 5.x EMV Contactless L1 payWave PayPass ExpressPay D-PAS Interac Flash J-Speedy FeliCa QuickPass eftpos TQM
Optional Feature		Barcode reader 1D 2D (PDF417, QR Code, Micro QR, Data Matrix, Aztec Code)
Optional Accessories		USB Cable RS232 Cable 4G Antenna Bluetooth Antenna