CASTLES™ TECHNOLOGY

Castles Technology's high quality MP200 mobile device with optional touch screen feature is a ground breaking solution to all your payment needs anywhere, anytime. MP200 gives you flexible options of Bluetooth, WiFi, Micro-USB and 2G/ 3G/ 4G connectivity. MP200 is the world's most adaptable, secure and innovative device which offers organizations and businesses of all sizes a next generation mobile payment solution.
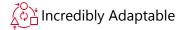
2.4" Color TFT LCD (Optional Touch Screen) | Built-in NFC Reader
Optional Detachable Battery | Secure Linux Platform
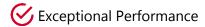16 Backlit Keys | Bluetooth, Wi-Fi, Micro-USB, 2G/3G/4G Options

MP200
Mobile POS

Payments on the move

FEATURES & BENEFITS

🔒 Unprecedented Security and Certifications

- PCI PTS 4.x
- EMV Contact/ Contactless Lv1
- EMV Contact Lv2
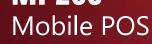- Contactless Scheme Certifications (Paypass, Paywave, ExpressPay, D-PAS, J-Speedy, QPBOC…

Incredibly Adaptable

- Optional Touch Availability
- Accepts all payment types
- Integrates to any Android, IOS and Windows devices.

✓ Exceptional Performance

- Remote key and application download capabilities.
- Designed for mobility and tested for extreme handling
- Long lasting rechargeable, replaceable battery design.
- Secure Linux with industry proven feasible SDK.

MP200
Mobile POS

SPECIFICATIONS

			MP200
Processor			32-bit Secure Microprocessor running powerful Linux based OS
Memory	Flash/DDRRAM		128 MB/64MB
Display			2.4" Color TFT LCD (Optional Touchscreen) | 320 x 240 Pixels
Touch Screen			Optional
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/SIM	2 SAM | 1 SAM , 1 SIM | 2 SIM
	Contactless (Optional)		ISO 14443 Type A, B | ISO 18092 NFC Mifare & Sony FeliCa Working Frequency 13.56 MHz
Communications Interface Options	Wire		Micro-USB 2.0
	Wireless		Wi-Fi | Bluetooth | 2G/3G/4G
Keypad			16 Backlit Keys
Indicators	LED		Yes
	Audio Buzzer		Yes
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	USB		5V/1A
	Battery		Li Polymer 3.7V / 1150mAh | 2000mAh Detachable (Optional)
Dimensions (mm)			125(L) x 67.5(W) x 17.8(H)
Weight			162 g
Environment	Operating Temperature		0°C to 50°C
	Storage Temperature		-20°C to 70°C
	Operating Humidity		5% to 90% non-condensing
	Storage Humidity		5% to 90% non-condensing
Certification			PCI PTS 4.x | EMV L1/L2 | payWave | PayPass | ExperssPay | D-PAS Interac Flash | J-Speedy | FeliCa | UnionPay UICS | TQM | PBOC L1/L2