

The perfect solution for secure wireless payment



EASY TO USE

Colour screen and intuitive keyboard

DEVELOPMENT TOOLKIT

Open platform (Linux) with flexibility for third parties to develop POS applications

FEATURE-RICH

Satisfying all payment types

RELIABLE AND ROBUST

Designed to meet the demands of a mobile environment

SAFE AND SECURE PAYMENT

Certified to the industry's latest security standards



Processor	32-bit, 266MHz high-performance secure ARM CPU, and optional 400MHz	Card Readers	
Memory	128MB Flash • 64MB DDRAM	Smart Card:	ISO 7816 1.8V,3V,5V synchronous & asynchronous T=0 and T=1 • 500,000 insertions
SAM	2 (conforming to ISO7816)	Magstripe:	ISO1/2/3 track bidirectional swipe, hi-coercivity 600,000 swipes
Display	Graphical colour/Touchscreen 320 x 240 pixels TFT-LCD 2.4" with backlight • Signature capture	Contactless:	ISO 14443 Type A/B • NFC
Keyboard	12 alphanumeric keys • 3 navigation keys 3 function keys • on/off key	Connectivity	
Audio	Buzzer (programmable span, volume & frequency)	Wireless:	GPRS quad band (850/900/1800/1900 MHz) 3G • Wi-Fi 802.11b/g/n, WPA2 enabled
Printer	Easy paper-loading • High-speed thermal Graphic • Barcode printing • Up to 34 lines per second • 50mm diameter paper roll	Wired:	USB • Ethernet • 1 x RS232
Power supply	Plugtop AC: 100-240V, 50/60Hz	SIM	1 standard SIM slot Dual SIM configuration option
Battery	2200 mAh lithium-ion battery • Typically 400-500 transactions per full battery charge	Operating System	Linux open platform
Environmental	Operating temperature 0 to +50 °C Storage temperature -20 to +70 °C	Development Environment InSPire™	Application Development Toolkit using C & C++ Multiplatform IDE, industry standard GCC/C++ compilers • SDK libraries providing POS specific functions
Dimensions/Weight	178 mm (L) x 78mm (W) x 60 mm (H) 330 g	Encryption	3DES, Master/Session key, DUKPT, RSA, AES
Customization	On screen	Certifications	PCI PTS 4.x SRED • EMV Level 1 & 2 • EMV L1 Contactless • PayPass, PayWave, ExpressPay CE • RoHS • TQM • UKCC
Accessories	Privacy shield • Charging base • Car charger (Optional)		