SPc5

A versatile and reliable terminal for retail POS environments

● **Easy to use**
Colour screen and intuitive keyboard

● **Flexible configuration**
Operates as standalone or as part of a POS solution

● **Reliable and robust**
Designed to meet the demands of a mobile environment

● **Development toolkit**
Open platform (Linux) with flexibility for third parties to develop POS applications

● **Safe and secure payment**
Certified to the industry's latest security standards

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SPc5

Processor	32-bit, 266MHz high-performance secure ARM CPU, and optional 400MHz
Memory	128MB Flash • 64MB DDRAM
SAM	2 (conforming to ISO7816)
Display	Graphical colour/Touchscreen 320 x 240 pixels TFT-LCD 2.4" with backight • Signature capture
Keyboard	12 alphanumeric keys • 3 navigation keys 3 function keys • on/off key
Audio	Buzzer (programmable span, volume & frequency)
Printer	Easy paper-loading • High-speed thermal
	Graphic • Barcode printing • Up to 34 lines per second • 50mm diameter paper roll
Power supply	Plugtop AC: 100-240V, 50/60Hz
Environmental	Operating temperature -10 °C to +55 °C Storage temperature -20 ºC to +70 °C
Dimensions/ Weight	192 mm (L) x 81 mm (W) x 61 mm (H) 360 g
Customization	On screen • Printer lid
Accessories	Privacy shield • Monocable (optional)

Card Readers

Smart Card	ISO 7816 1.8V, 3V, 5V synchronous & asynchronous T=0 and T=1 • 500,000 insertions
Magstripe	ISO1/2/3 track bidirectional, hi-coercivity 600,000 swipes
Contactless	ISO 14443 Type A/B • NFC
Connectivity	Synchronous / Asynchronous high-speed dial-up modem • Ethernet • 2x RS232 • USB GPRS • Wi-Fi
Operating Sys	Linux open platform
Development	Application Development Toolkit using C & C+
Environment Inspire™	Multiplatform IDE, industry standard GCC/C++ compilers • SDK libraries providing POS specific functions
Encryption	3DES, Master/Session key, DUKPT, RSA, AES
Certifications	PCI PTS 4.x SRED • EMV Level 1 & 2 EMV L1 Contactless • PayPass, PayWave, ExpressPay • CE • RoHS • TQM • UKCC

SpIre PAYMENTS®

Transaction. Interaction. Convergence.

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