



SPC50

A robust and reliable terminal for busy POS environments

- **Easy to use**
Featuring intuitive keys and large colour screen
- **Works in partnership**
Use the device as handover or with SPp10 PIN-pad
- **Convenient setup**
Operates as Standalone or as part of a POS solution
- **Safe & secure payment**
Certified to the industry's highest security standards

SPc50

Processor	32-bit high performance ARM9 secure CPU	Customization	On screen • Recessed area for logo
Memory	64MB Flash (128 MB option) • 32MB SDRAM • Micro SD Flash reader option	Card Readers	
SAM	Up to 3	<i>Smart Card</i>	ISO 7816 1.8V,3V,5V synchronous & asynchronous T=0 and T=1
Display	Graphical black + white 128x64 pixel or colour 320x240 pixel TFT-LCD 2.8" (optional touchscreen) LED backlight • Signature capture	<i>Magstripe</i>	ISO1/2/3 track bi-directional swipe high coercivity
Keyboard	12 alphanumeric keys • 3 navigation keys • 3 function keys • Backlit • ECBS & DDA compliant Splash & dust resistant	<i>Contactless</i>	ISO 14443 Type A/B • NFC
Audio	Buzzer (Programmable span, volume & frequency)	Connectivity	Dial-up PSTN & Ethernet 100BaseT • GPRS option 2 x RS232 & USB
Printer	Thermal • Graphic • up to 24 lines per second • Drop-in load 50mm paper roll, 28m length	Operating Sys	Linux 2.6, POSIX libraries
Power supply	Plugtop AC: 90-240V, 50/60Hz	Development Environment	Application Development Toolkit using C & C++ Multiplatform IDE, industry standard GCC/C++ compilers • SDK libraries providing POS specific functions
Environmental	Operating temperature 0 to +50°C • Storage temperature -20 to +60°C • Drop & shock resistant	Encryption	3DES, Master/Session key, DUKPT, RSA, AES
Dimensions	211mm(L) x 89mm(W) x 78mm(H)	Certifications	PCI PTS 3.x • EMV L1 & L2 • CAS POI PP v2.0 MasterCard PayPass • Visa payWave • American Express ExpressPay



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