



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 (128MB 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 30 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 inSPire™	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	211 mm (L) x 89 mm (W) x 78 mm (H)	Certifications	PCI PTS 3.x • EMV L1 & L2 • CAS POI PP v2.0 MasterCard PayPass • Visa payWave • American Express ExpressPay



Spain Spire Payments SLU
Calle Cantabria, 2, 1º A2
28108 Alcobendas, Madrid
Spain
Tel: +34 917 227 700
Fax: +34 917 227 703

Russia Spire Payments
Eastern Europe LLC
Vystavochnaya Str., Bld. 12
Yaroslavl, 150044
Russia
Tel: +7 4852 370234
Fax: +7 4852 370233

UK Spire Payments Ltd
Units 3-6
Milford Trading Estate
Blakey Road, Salisbury
Wiltshire, SP1 2UD
United Kingdom
Tel: +44 (0)1722 332255
Fax: +44 (0)1722 430350

Dubai Spire Payments MEA (DMCC)
Jumeirah Lakes Towers,
Dubai, United Arab Emirates
Tel: +971-4 4401244
Fax: +971-4 4401245

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