



Wireless

Transaction. Interaction. Convergence.™



SPg7

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

SPg7

Processor	32-bit, 266MHz high-performance secure ARM CPU, and optional 400MHz • Sleep mode	Card Readers	
Memory	128MB Flash • 64MB DDRAM	<i>Smart Card</i>	ISO 7816 1.8V,3V,5V synchronous & asynchronous T=0 and T=1 • 500,000 insertions
SAM	2 (conforming to ISO7816)	<i>Magstripe</i>	ISO1/2/3 track bidirectional swipe, hi-coercivity 600,000 swipes
Display	Graphical colour/Touchscreen 320x240 pixels TFT-LCD 2.4" with backlight • Signature capture	<i>Contactless</i>	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)	<i>Wireless</i>	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 • 40 mm diameter paper roll	<i>Wired</i>	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	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	InSPire™	
Customization	On screen	Encryption	3DES, Master/Session key, DUKPT, RSA, AES
Accessories	Privacy shield • Charging base • Car charger (Optional)	Certifications	PCI PTS 4.x SRED • EMV Level 1 & 2 • EMV L1 Contactless • PayPass, PayWave, ExpressPay CE • RoHS • TQM • UKCC



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

© Copyright 2014–2017 Spire Payments Holdings S.à.r.l. All rights reserved.

All information is subject to change without notice and Spire Payments does not warrant the information's accuracy or correctness.

Spire Payments and the Spire Payments logo are trademarks, service marks or registered trademarks or service marks of Spire Payments Holdings S.à.r.l. All other trademarks are the property of their respective owners.

Any Spire Payments software described in this document is subject to a Software Licence Agreement. Please refer to the Spire Software Licence Agreement for information regarding the terms of use.