



 by  **CASTLES™**
TECHNOLOGY

SPc-SPg Range

A versatile and reliable terminal for retail POS environments

- No better solution for a retail POS environment where versatility and reliability are key
- Simple to use - colour display and intuitive keyboard.
- Robust & Reliable, perfectly designed for a mobile environment.
- Safe and Secure Payment – certified to the industry's latest standard.
- Feature Rich – satisfying all payment types.



Technical specification

Processor	32-bit, 266MHz high-performance secure ARM CPU, and optional 400MHz	Accessories	Privacy shield • Monocable (optional)
Memory	128MB Flash • 64MB DDRAM	Card Readers	
SAM	2 (conforming to ISO7816)	Smart Card:	ISO 7816 1.8V, 3V, 5V synchronous & asynchronous T=0 and T=1 • 500,000 insertions
Display	Graphical colour/Touchscreen 320 x 240 pixels TFT-LCD 2.4" with backlight • Signature capture	Magstripe:	ISO1/2/3 track bidirectional, hi-coercivity 600,000 swipes
Keyboard	12 alphanumeric keys • 3 navigation keys 3 function keys • on/off key	Contactless:	ISO 14443 Type A/B • NFC
Audio	Buzzer (programmable span, volume & frequency)	Connectivity	Synchronous / Asynchronous high-speed dial-up modem • Ethernet • 2 x RS232 • USB GPRS • Wi-Fi
Printer	Easy paper-loading • High-speed thermal Graphic • Barcode printing • Up to 34 lines per second • 50mm diameter paper roll	Operating System	Linux open platform
Power supply	Plugtop AC: 100–240V, 50/60Hz	Environment Inspire™	Multiplatform IDE, industry standard GCC/ C++ compilers • SDK libraries providing POS specific functions
Environmental	Operating temperature -10 °C to +55 °C Storage temperature -20 °C to +70 °C	Encryption	3DES, Master/Session key, DUKPT, RSA, AES
Dimensions/ Weight	192 mm (L) x 81 mm (W) x 61 mm (H) 360 g	Certifications	PCI PTS 4.x SRED • EMV Level 1 & 2 EMV L1 Contactless • PayPass, PayWave, ExpressPay • CE • RoHS • TQM • UKCC
Customization	On screen • Printer lid		

The perfect solution for secure wireless payment

- No better solution for a secure wireless payment either Wi-Fi or GPRS.
- Simple to use - colour display and intuitive keyboard.
- Robust & Reliable, perfectly designed for a mobile environment.
- Safe and Secure Payment – certified to the industry's latest standard.
- Feature Rich – satisfying all payment types.



Technical specification

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
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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)		

EASY TO SET UP

Our team will make sure your device is set up and ready to use straight out of the box, saving you time and ensuring you're ready to collect card payments right away. All you need to do is connect via your chosen connectivity method and follow the on-screen prompts.

FULL SUPPORT

Our Terminal Support Helpdesk are on hand for any assistance you may need.

T: 0333 123 1243

Support is available

Monday – Friday 09:00 – 17:00

PRICING OPTIONS

CONTRACT LENGTH	SPC5	SPG7 WI-FI	SPG7 GPRS
24 months	£15.00	£19.95	£21.95
36 months	£14.00	£18.95	£20.95
48 months	£13.00	£17.95	£19.95

** Configuration and delivery is charged at £15.00 + VAT per device. Delivery is discounted for multiple devices delivered in a single drop.*

All prices shown above are subject to VAT at the prevailing rate.



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CONTACT US FOR MORE INFORMATION

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