



 **Spire** PAYMENTS by  **CASTLES**<sup>™</sup>  
TECHNOLOGY

# 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 PtOS applications

## Safe and secure payment

Certified to the industry's latest security standards



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



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## CONTACT US FOR MORE INFORMATION

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