PAYA Group

SPc5

A versatile and reliable terminal for retail POS environments

Spire Payments by Castles Technology

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

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		

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