

SPx1



The new Genesis™ range of SmartPOS terminals from Spire Payments



Transaction. Interaction. Convergence.™

Spire Payments' next-generation payment device range; Genesis™, marks a pivotal point in payment evolution. Seamlessly supporting multiple applications, the Android-based devices offer enriched customer/merchant interaction points more akin to tablets or smart mobile devices compared to traditional POS terminals.

Typical applications co-residing on the Genesis range can include payment, loyalty, digital wallets, hotel reservations and taxi services for the consumer, as well as retail management applications such as product catalogue, stock control, campaigns & promotions management, accounting, CRM, supplier management and invoicing and receipt management for the merchant. This capability promotes sales, consumer engagement and loyalty, while streamlining the merchant's business processes.

The endless flexibility of the Genesis range is thanks to the wealth of cloud services, Android applications, and transaction processing applications utilising Spire Payments' innovative software framework, Converge™. In addition to Android SDK, application developers can benefit from Spire Payments' vast wealth of payments expertise by having secure access to prewritten XML-driven, full media-enabled Spire Mobile Framework (SMF) and pre-approved EMV modules, as well as the comprehensive inSpire™ SDK, libraries and tools to rapidly create and distribute powerful applications.

The six pillars of Spire Payments' software framework Converge are listed below, deliver the core building blocks for the rapid creation of robust, secure and feature-rich applications:

- Payments platform
- Asset management
- Transacting protocols

- Security
- Mobility including mPOS
- Industry-approved kernels (contactless, EMV, etc.)

SPx1 SmartPOS

The SPx1 is a compact, yet extremely powerful end point utilising a tactile 4.5" capacitive touch colour display. The palm-sized SPx1 offers an integrated 5 megapixel camera capable of barcode and QR scanning. This design offers an entry-level solution for those customers seeking the almost endless capabilities of a SmartPOS platform. In addition the SPx1 supports a wealth of communication options including: 2G, 3G, 4G, Wi-Fi, Bluetooth, USB OTG and optional GPS ensuring unparalleled connectivity for both in-store and fully mobile applications.

Security is of paramount importance for any platform supporting payment functionality. As such the SPx1 is fully PCI 4x compliant.

As with all other Spire Payments products the SPx1 is supported by a first-class service and support infrastructure. From product fulfilment and stock management through to helpdesk support and repairs, Spire Payments offers a complete managed solution. This industry-leading capability has to date facilitated successful deployment of Spire Payments product range across the globe.

Memory	1-GB LPDDR2, 8-GB Flash
Extended Memory	Micro SD card up to 64 GB
Operating System	Android version 5.1
Dual Processor	1.2 GHz high-performance quad core plus separate secure RTOS CPU for cryptography
Contactless Card Reader	ISO/IEC 14443, Type A/B, Mifare, NFC
Smart Card Reader	ISO 7816, EMV2000
Magnetic Card Reader	ISO 7811-6:2008 Tracks 1, 2 & 3
Display	4.5" capacitive touch colour LCD, 480 x 854
Keypad	Capacitive multi-touch screen
Connectivity	2G, 3G, 4G, Wi-Fi, Bluetooth, USB OTG and optional GPS
Battery	Lithium-ion 3.7 V 3000 mAh
Audio	Inbuilt microphone & speaker and headset jack, buzzer
Video	5-megapixel camera with auto focus and rear flash, barcode and QR code reader
Dimensions/Weight	Width 69 mm, length 136 mm, height 22.1 mm, weight 227 g (inc. battery)
Environmental	Operating temperature -10 to +50 °C (5-95 % non-condensing) Storage temperature -30 to +70 °C (5-95 % non condensing)
Certification	PCI PTS 4.x SRED • EMV Level 1 & 2 • EMV L1 Contactless Mastercard® contactless, Visa payWave (incl. VOQOS), ExpressPay CE • RoHS • TQM • UKCC

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