



SPm2 Bluetooth PIN pad

Provides the micro merchant with secure chip and PIN mobile card acceptance via a payment application hosted by a smart mobile device

- Pocket-sized and lightweight
- Secure Bluetooth connection to smart device (phone/tablet/PDA)
- Ideally suited to the micro-merchant sector
- Contactless and NFC card acceptance
- Modern, compact and ergonomic styling
- Interfaces with Android and Apple iOS (iPhone 4s or higher, iPad 2 or higher), Windows Mobile devices
- Supported by complete managed service from Spire Payments Group

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The SPm2 has been specifically designed to suit the needs of the micro merchant market sector.

Design

Spire Payments has gained extensive expertise in the mPOS market having deployed multiple estates globally. The SPm2 benefits from this accumulated experience to deliver an mPOS platform ideally suited to the needs of the micro merchant.

Interface

The SPm2 offers Spire Payments' comprehensive inSPire™ mPOS API (fully compatible with the PosMate™ API) designed to facilitate seamless and rapid integration with applications on mobile devices.

Connectivity

The SPm2 connects to all smart devices via Bluetooth (Class 2.1 + EDR and Bluetooth 4.x) providing the smart device supports Android, iOS or Windows Mobile operating systems.

Security

The SPm2 is certified to PCI-PTS 4.x with SRED ready for PTS-P2PE compliance as part of an end-to-end solution. In addition, the Spire Payments Technical team will work with your chosen PCI-DSS Level 1 Service Provider to ensure the security framework is robust and the key loading process is seamless.

Support

Spire Payments is able to provide a world class service and support infrastructure for SPm2 deployments. From product fulfillment and stock management through to helpdesk support and repairs, Spire Payments can offer a complete managed solution for the SPm2. This has allowed customers to deploy in volume across multiple territories.

Memory	5MB Flash 128KB SRAM
Mobile/Tablet Device Interface	inSPire™ mPOS API (fully compatible with the PosMate™ API)
Development Environment	Not applicable
OS Compatibility	Android, Apple iOS and Windows Mobile
Processor	32-bit, 100MHz secure RISC • Sleep mode
Contactless Card Reader	(Optional) ISO 14443 Type A/B
Smart Card Reader	ISO 7816 T=0 & T=1 EMV Level 1 & 2 • 100,000 insertions
Magnetic Card Reader	ISO 7811-6:2008, Tracks 1,2, & 3, Hi & Lo-coercivity, bidirectional
Display	Monochrome 128x64 pixels LCD
Keypad	16 keys
Connectivity	Bluetooth Class 2.1 + EDR & Bluetooth 4.x
Docking capability	Not applicable
USB	Micro USB
Battery	Lithium Polymer technology 470mAh typically 200-250 transactions per full charge
Charging	Via Micro USB connection to mobile phone / tablet / PC, or via compatible micro USB Plug Top Power Supply
Dimensions/Weight	102 mm (L) x 55.6 mm (W) x 15.9 mm (H) 105 g
Environmental	Working temperature: -10 °C to +50 °C • Storage temperature: -20 °C to +70 °C • Relative humidity: 10% to 95% (non-condensing)
Lifetime	Minimum 100,000 transactions on smart card reader
Certification	PCI PTS 4.x SRED EMV Level 1 & 2 (EMV 4) PayPass, payWave, Apple Bluetooth interface



Transaction. Interaction. Convergence.

Spain Spire Payments S.L.U.
Calle de la Plaza, 13
28043 Madrid, Spain
Tel: +34 917 227 700
Fax: +34 917 227 703

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

Hong Kong Spire Payments (Asia) Ltd.

Unit A2, 9/F
OfficePlus@MongKok
No 998 Canton Road
Mong Kok, Kowloon
Hong Kong
Tel: +852 3998 4093
Fax: +852 3998 4092

Russia Spire Payments
Eastern Europe LLC
150044
Vystavochnaya Str.
Bld. 12
Yaroslavl
Russia
Tel: +7 4852 370234
Fax: +7 4852 370233

Dubai Spire Payments MEA (DMCC)
Jumeirah Lakes Towers,
Dubai, United Arab Emirates
Tel : +971-4 4401244
Fax: +971-4 4401245

Spire Payments Master Solution Provider:

NewNote Solutions

Rua Projectada à Rua 3 – Zona Industrial Matinha Lote C – K,
1950-327 Lisbon

Phone +351 210 401 500

email: comercial@newnote.pt

www.newnote.pt