



Transaction. Interaction. Convergence.™

Unattended



## SPu95H

Manual Secure High Performance Contact and Magstripe Reader

The SPU95H is an anti-vandal secure manual hand reader for magnetic stripe cards and contacts for smart cards

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### High Performance Manual Hybrid Reader

Aimed to be connected to a SPU90P or SPU90C

### Weather Resistant Housed

Equipped with a shutter to prevent foreign body insertion

### Versatile payment solution

Can be used at all self-service points of sale

### Modular Design

Provides high flexibility for machine integration

### Secure

Meets payment industries latest security standards

# SPu95H

The **SPu95H** is a secure high performance Hybrid Manual Reader mechanically designed for its integration in vending, ticketing machines and any types of self-service solutions. It fulfills all the security requirements of the industry and includes a metal front bezel which allows easy mechanical integration into the customer machine and a shutter that prevents the insertion of foreign objects.

Used together with the Spire's SPu90P or SPu90C, the set is compatible with all Visa, MasterCard, Amex and Discover transaction types as well as with local and international e-purse, credit and debit card schemes.

## SPu90 Modular Evolution

The updated set of unattended products will retain all the features and benefits that have made the Spire Payments' Artema unattended solution so popular with integrators. In addition, new features include enhanced power management (for solar operation) and contactless support.

Using the same rugged physical and logical interfaces as the proven Spire Payments' Artema unattended solution, combined with the ability to run current software applications, the SPu90 provides a simple migration and upgrade path for existing and new partners.

Based on Spire Payments' proven and easy-to-use inSPire™ development environment combined with the SP family security architecture and PKI, unattended product suite is fully PCI PTS SRED compliant.

SPu95H used in conjunction with the SPu90C or SPu90P (Controller or Pin-Pad + Controller) and with the SPu90R contactless antenna takes self-service solutions to new heights.

## SPu90H Technical Features

<b>Smartcard/MSReader</b>	Hybrid chip and magnetic stripe reader (ISO 7816, ISO 7811, 3 tracks, T=0, T=1, A, B classes)
<b>Housing</b>	Anti-Vandal bezel shutter to prevent foreign body insertion · Emergency power-fail card release
<b>Protection</b>	Ingress IP54, Impact IK09
<b>Encryption and Key Management</b>	Remote Pairing with SPu90P/C Support for SRED
<b>Certifications</b>	PCI PTS 5.0. SRED EMV L1 approval (T=0 & T=1 type)
<b>Comms Interfaces Physical Interfaces</b>	Serial RS232 with Power Wake Up
<b>SAMS</b>	Up to 2 SAM connectors
<b>LEDS</b>	Tricolour LED
<b>Reliability</b>	500,000 Card Insertion Cycles
<b>Power</b>	12 VDC. Via RS232 port
<b>Dimensions Installation cut-out</b>	108,6 mm (W) x 72,4 mm (L) x 120 mm (D) 72 mm (W) x 61 mm (L)
<b>Environmental</b>	Operation -20°C to +65°C · Storage -20°C to +70°C Humidity 95% Maximum non-condensating



**Spain** Spire Payments SLU  
Calle Cantabria, 2, 1º A2  
28108 Alcobendas, Madrid  
Spain  
Tel: +34 917 227 700  
Fax: +34 917 227 703

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

**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

**Dubai** Spire Payments MEA (DMCC)  
Office 7 – ONE JLT  
Jumeirah Lakes Towers,  
Dubai, United Arab Emirates  
Tel : +971 52 970 5082

**France** Spire Payments France  
60 avenue Charles de Gaulle  
92200 Neuilly-sur-Seine  
France  
Tel : +33 6 11 42 88 36

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