



YORKSHIRE PAYMENTS

STRAIGHT TALKING CARD SOLUTIONS

SPg7

THE PERFECT SOLUTION FOR SECURE WIRELESS PAYMENT

Easy to use

Colour screen and intuitive keyboard

Feature-rich

Satisfying all payment types

Reliable and robust

Designed to meet the demands of a mobile environment

Safe and secure payment

Certified to the industry's latest security standards



FEATURES



Security



Smartcard



Magstripe



Contactless



Colour Display



Connectivity



Apple Pay



Google Pay

SPg7

Processor

32-bit, 266MHz high-performance secure ARM CPU, and optional 400Mhz • Sleep mode

Memory

128MB Flash • 64MB DDRAM

SAM

2 (conforming to ISO7816)

Display

Graphical colour/Touchscreen 320 x 240 pixels
TFT-LCD 2.4" with backlight • Signature capture

Keyboard

12 alphanumeric keys • 3 navigation keys
• 3 function keys • on/off key

Audio

Buzzer (programmable span, volume & frequency)

Printer

Easy paper loading • High-speed thermal •
Graphic • Barcode printing • Up to 34 lines per
second • 40 mm diameter paper roll

Power Supply

Plugtop AC: 100-240V, 50/60Hz

Battery

2200 mAh lithium-ion battery
• Typically 400 – 500 transactions per full battery
charge

Environmental

- Operating temperature 0 to +50 °C
- Storage temperature -20 to +70 °C

Dimensions/Weight

178 mm (L) x 78mm (W) x 60 mm (H) 330g

Customisation

On screen

Accessories

Privacy shield • Charging base • Car charger (Optional)

Card Readers

Smart Card

ISO 7816 1.8V,3V,5V synchronous & a
synchronous T=0 and T=1 • 500,000 insertions

Magstripe

ISO1/2/3 track bidirectional swipe, hi-coercivity
600,000 swipes

Contactless

ISO 14443 Type A/B • NFC

Connectivity

Wireless

GPRS quad band (850/900/1800/1900 MHz) 3G •
Wi-Fi 802.11b/g/n, WPA2 enabled

Wired

USB • Ethernet • 1x RS232

SIM

1 standard SIM slot
Dual SIM configuration option

Operating System

Linux open platform

Development / Environment

Application Development Toolkit using C & C++
Multiplatform IDE, industry standard GCC/C++
compilers • SDK libraries providing POS specific
functions

Encryption

3DES, Master/Session key, DUKPT, RSA, AES

Certification

PCI PTS 4.x SRED • EMV Level 1 & 2 • EMV L1
Contactless • PayPass, PayWave, ExpressPay
CE • RoHS • TQM • UKCC

