



SPp30

Fulfilling all retail payment requirements in a single product

- **Easy to use**
Featuring intuitive keys and large colour screen
- **Stylish yet tough**
Designed for use in all retail environments
- **Anti-theft integrated**
PCI-DSS and adaptable point to point encryption
- **Safe & secure payment**
Certified to the industry's highest security standards

SPp30

Processor	32-bit high performance ARM9 secure CPU	Dimensions	162 mm (L) x 79 mm (W) x 34 mm (H)
Memory	64MB Flash (128MB option) • 32MB SDRAM Micro SD Flash reader option	Card Readers	
SAM	Up to 3	<i>Smart Card</i>	ISO 7816 1.8V,3V,5V synchronous & asynchronous T=0 and T=1
Display	Graphical black + white 128 x 160 pixel or colour 240 x 320 pixel TFT-LCD 2.8" (optional touchscreen) LED backlight • Signature capture	<i>Magstripe</i>	ISO1/2/3 track bi-directional swipe high coercivity
Keyboard	12 alphanumeric keys • 3 navigation keys • 3 function keys • Backlit • ECBS & DDA compliant Splash & dust resistant	<i>Contactless</i>	ISO 14443 Type A/B • NFC
Audio	Buzzer (Programmable span, volume & frequency)	Connectivity	RS232 • USB • Ethernet 100BaseT <i>Interface cable determines options for simple deployment and migration</i>
Power supply	Power through USB or optional External DC power supply	Operating Sys	Linux 2.6, POSIX libraries
Environmental	Operating temperature 0 to +50 °C Storage temperature -20 to +60 °C Drop & shock resistant	Development Environment inSPire™	Application Development Toolkit using C & C++ Multiplatform IDE, industry standard GCC/C++ compilers • SDK libraries providing POS specific functions
Anti-Theft	Security slot, Kensington compatible	Encryption	3DES, Master/Session key, DUKPT, RSA, AES
Customization	On screen	Certifications	PCI PTS 3.x • EMV L1 & L2 • CAS POI PP v2.0 Mastercard® contactless, Visa payWave • American Express ExpressPay



Transaction. Interaction. Convergence.

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