



Retail PIN-pad

Transaction. Interaction. Convergence.™



SPp40

Fulfilling all retail payment requirements in a single product

Easy to use

Featuring intuitive keys and large colour screen

PCI Certified

Adaptable point-to-point encryption

Stylish yet tough

Designed for use in all retail environments

Safe & secure payment

Certified to industry's highest security standards

SPp40

Processor	32-bit high performance 400MHz ARM11 secure CPU	Card Readers	
Memory	128MB NAND Flash • 64MB LPDDR RAM Micro SD Flash reader option	<i>Contactless</i>	Supports 13.56MHz, ISO14443 Type A & B Mifare, NTAG213
SAM	2 SAMs	<i>Smart Card</i>	ISO 7816 1.8V, 3V, 5V Synchronous & asynchronous T=0 and T=1
Display	3.5" TFT Colour Screen, 320x480 resolution with adjustable back light (optional touchscreen with signature capture)	<i>Magstripe</i>	ISO1/2/3 track bi-directional swipe high coercivity
Keyboard	12 alphanumeric and navigation keys • 3 command keys • 4 function keys • Backlit • ECBS & DDA compliant Splash & dust resistant	Connectivity	USB Device Port, MicroUSB, Ethernet, RS232 <i>Optional: Factory fitted 2D barcode reader</i>
Audio	Buzzer (Programmable span, volume & frequency)	Operating System	Linux 2.6
Power supply	DC power via multi-connector cable box	Encryption	3DES, Master/Session key, DUKPT, RSA, AES
Environmental	Operating temperature 0 to +50 °C Storage temperature -10 to +50 °C Drop & shock resistant	Dimensions	162 mm (L) x 79 mm (W) x 34 mm (H)
		Certifications	PCI PTS 4.x EMV L1 & L2 • Contactless Mastercard® contactless, Visa payWave (incl. VOQOS)



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