

SP20_{V4}

Contactless PINpad

PAX's SP20 V4 is a sleek compact NFC enabled PINpad for merchants to connect to a wide range of POS terminal models via USB or RS232, thus providing customers with a more convenient payment experience. The SP20 V4 enables faster customer throughput thanks to the easily identifiable contactless landing pad and enclosed privacy shield. The SP20 V4 processes all major card association contactless payments securely and with lightning speed, all thanks to the latest PCI 4.x SRED certifications and state of the art embedded processor and memory components.

- Large Contactless Landing Pad
- Integrated Privacy Shield
- Customer Facing Display
- PCI PTS 4.x SRED
- Built-in Speaker
- Programmable





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SPECIFICATIONS

FEATURES & BENEFITS

Stability & Reliability

- Contactless and PIN entry
- High-speed secure CPU, 120MHz

Exceptional Security

- PCI PTS 4.x SRED
- Secure key embedded area
- Supports RSA, AES, 3DES
- Supports HASH function

Flexible Expansibility

- RS232 & USB connection
- Optional 5~12V power supply
- Programmable

Processor	32 bit CPU, 120MHz
Memory	1.128MB standard (1MB Flash, 128KB RAM) External Storage: 4MB
Display	122 x 32 pixels LCD
Keypad	10 numeric keys, 6 function keys Back-lighting
Contactless Card Reader	MasterCard Contactless & Visa payWave UPTS2.0, qPBOC 13.56MHz, ISO/IEC 14443 Type A/B Mifare, Felica, NFC
Audio	Built-in speaker
Peripheral Ports	1 x RS232 (RJ11) 1 x Micro USB
Security	DUKPT, Master/Session, 3DES ANSI/ISO9564 format 0, 1, 3 PIN ciphered key algorithm ANSI X9.9/X9.19 MAC algorithm
Environmental	0°C to 50°C (32°F to 122°F) operating temperature 10% to 93% relative humidity, non-condensing -20°C to 70°C (-4°F to 158°F) storage temperature
Voltage	Output: 5VDC, 0.5A Optional 5~12V power supply
Physical	Length: 156mm Width: 79mm Height: 87mm
Weight	229g
Certifications	PCI PTS 4.x SRED EMV Contactless L1 MasterCard Contactless Visa payWave UPTS2.0 qPBOC