



MagIC³ P-series

Greater convenience with no-compromise on security

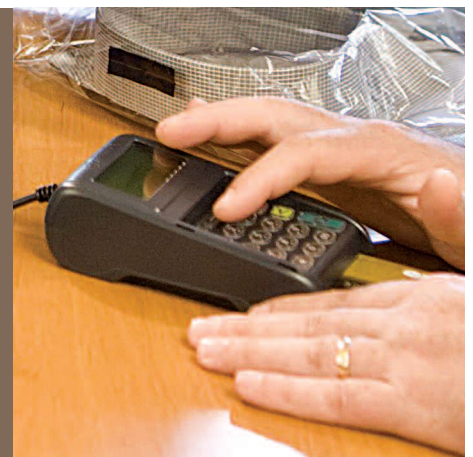
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Greater convenience with no-compromise on security



Paying by credit or debit card is a way of life for consumers everywhere - a way of life that depends on absolute confidence in the integrity of card-based transactions.

That makes security the top priority for our new MagIC³ terminal range - but it's not our only concern. Gemalto knows that speed and ease of installation are critical factors for competitive and cost-conscious financial institutions, as is flexibility for future applications. Also that the consumer at the point of sale just wants the whole payment process to be fast, secure and simple.

This is why the new Gemalto MagIC³ P-series PIN-pad range meets everyone's requirements.

> The Gemalto PCI PED solution

The PCI PED MagIC³ P-series range is based on a 32-bit secure processor for fast processing and benefits from Gemalto's Open&Sec platform.

The P-series range is plug & play on Gemalto MagIC³ X-series terminals.

MagIC³ P-series is available in two versions: standard PIN pad, P-3, and with integrated smart card reader, P-5.

Because Gemalto thought carefully about the needs of consumers of all ages, both these new PIN-pads offer:

- Highly visible function keys
- A large display

The P-5 is certified EMV level 1 and has a backlight on the display and keyboard.

P-5 and P-3 make it easy for banks and other institutions to meet PCI PED requirements and enjoy the benefits of:

- **Faster time to market** - PCI PED certification meets the requirements
- **Fast and painless installation** - thanks to plug & play functionality and standard USB connection
- **Future flexibility** - function keys provide access to applications
- **Fast transaction throughput** - thanks to the new 32-bit secure processor

> Better for cardholders

Careful attention to secure operations and sensitivity to the needs of consumers make P-5 and P-3 user-friendly:

- **Easy to use** - keys and display are easy to see, even with low ambient lighting
- **Secure** - a security shield ensures customers won't be overlooked when entering their PIN

> Technical specifications

Powered by Open&Sec platform

- SoC ARM7 32-bit Secure Processor

Display

- 128*64 pixels – Backlight on P-5

Keyboard

- 15 + 3 key keypad:
 - 10 numeric keys (0-9)
 - 3 colored keys (green, yellow, red)
 - 3 function keys
- Keys resistant to hydro-carburant products
- Backlight on P-5

Communication and connectivity

- USB A 2.0 full speed compliant
- 1.5 meter length cable

Card reader

- Smart card reader EMV 4.1 certified

Security

- PCI PED certified
- 3DES and RSA algorithm
- Master Session and DUKPT key management
- Security shield for PIN entry

Physical

- Length: 142mm
- Width: 82mm
- Height: 43mm

Environmental

- ROHS compliant
- Operating temperature: 0-45°C/32-115°F
- Relative humidity 90% max