The ultimate hybrid reader PIN Pad for EMV migration

Ingenico 3380

PIN Pad | Range

- **Ingenico 3380** is a countertop PIN Pad with hybrid reader ideal for use in multi-lane retail and single point-of-sale environments.

- Thanks to its EMV Hybrid Reader, the transition to Chip&PIN becomes easy for the cardholder.

- Based on Ingenico's new 32 bit architecture and equipped with EMV level 2 kernel, it provides fast processing of powerful cryptographic algorithms. It offers a fast and easy way to adapt the existing point-of-sale systems to new EMV and PIN-entry standards.

- Ingenico 3380 has been designed to ensure user friendliness with its large graphic display, function keys, backlit keypad and hybrid reader.

EMV
Fast transaction time

USB/Ethernet
Power over Ethernet

UNICAPT
Application compatibility

HSC 32 bits
Secure module

Remote downloading

PCI PED
On-line and off-line certified

Hybrid Reader
Easy chip migration

ingenico®
beyond payment

i5100

ECR

Amadeo

Easy connection to Ingenico terminals or cash registers through RS232 or USB
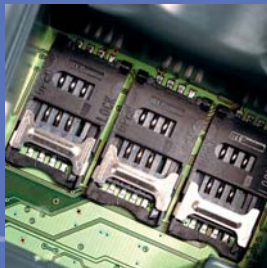

Backlit keyboard and lateral keys for easy menu navigation

Hybrid card reader making the transition to Chip&PIN easy

Optional privacy shield for the highest security standards

Up to 3 Security Access Modules (SAMs)

ECR   i3380   ECR   ECR   PC

Thanks to its "Power over Ethernet" port, i3380 can be connected to an Ethernet LAN, reducing installation costs.

Groupe Ingenico
192, avenue Charles de Gaulle - 92200 Neuilly-sur-Seine - France
Tel. 33 (0)1 46 25 82 00 - Fax 33 (0)1 47 72 56 95
www.ingenico.com

Your contact:

Ingenico 3380

Simple and cost effective transition to EMV

- Easy to use solution for retailers and cardholders transitioning to Chip&PIN: the hybrid reader means that the cardholder does not need to select either magnetic stripe or chip.
- Ingenico 3380 is compatible with the entire range of Ingenico countertop terminals (Amadeo, Banjo, i5100…).
- It offers a cost-effective way to upgrade existing point of sale and multilane retail cash registers to comply with new EMV and PIN entry standards.

Ergonomic design

- The same PIN Pad can be connect to an ECR via either RS232 or USB, depending on the connector available on the ECR.
- Up to 3 Security Access Modules (SAMs).
- Secure downloading of new applications using local or remote download.
- The hybrid reader can read both magnetic stripe and smart cards, enabling the cardholder to use the same actions regardless of the technology of the card.
- i3380 uses the Power over Ethernet standard, reducing installation costs.
- The large graphic display gives clearly-presented data and commands. Its function keys permit a quick and simple way to access different applications.
- The optional privacy shield complies with all international security standards (ZKA, Interpay, BSK…).

Physical and logical security

- The integrated High Security Core (HSC) has been developed from years of experience by the world leader in POS security, Ingenico. It offers different levels of security, meeting the most demanding requirements for payment transactions (PCI-Ped, ZKA, Interpay…). It has a 32-bit processor to support powerful encryption (RSA, DES, 3DES..), thus ensuring confidential data is secure.
- Multi application security is provided by UNICAPT technology permitting several applications to run independently on the same device. An additional benefit is the portability of previously written applications for Ingenico terminals.

Memory	1M SRAM + 4M Flash Memory 2M SRAM + 8M Flash Memory (option)
Processor	ARM 32 bits
SAMs	Up to 3 SIMs
Security	Integrated security. Ingenico's High Security Core
Display	Graphic, 128 x 64 pixels. Backlit
Keypad	15 keys. 2 + 2 lateral keys. Backlit
Hybrid card reader	ISO 1/2/3 EMV level 1 compliant. ISO 7816 1-1-3 Async/Sync. T=0 & T=1
Connectivity	RS232 + USB Ethernet (Power over Ethernet) Ethernet + RS232
Environment	0° to 40°
Colour	Grey