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Stores

commerce

retail



ML30

A smart reader for
card readings and much more

- EMV
- USB
- IP/Ethernet
- Serial
- PCI-PED

Highly secured PIN entries

ingenico[®]



ML30

Ready for integration in points sale.

Electronic payment security is evolving daily. Electronic payment is integrated into many different types of equipment (cash registers, PCs, etc) to bring increasingly economical and effective solutions in multi-lane retail and traditional point of sale environment. The ML30 is the full answer to this question of integration, while maintaining a very high level of security.



Smart card reader

Tested security

The ML30 secures the PIN code entries in total compliance with the security requirements of financial establishments. In particular, it meets requirements made by international card issuers VISA and Mastercard for PCI PED specifications. It has all the required security mechanisms (e.g. tamper evidence, tamper resistance, tamper responsive), and so makes a decisive contribution to integrating payment functions into more traditional solutions, such as cash registers or PCs.



Magnetic card reader

The right level of integration

With a large memory (16+8 Mb), a powerful (32-bit RISC ARM9) microprocessor and an integrated cryptoprocessor, the ML30 gives a lot of leeway for integrating payment into external equipment. The ML30 can be programmed in C language, using the SDK Telium software development kit, to adapt even more precisely to its functional environment.



ML30 and its base

Totally user friendly

With its easily accessible readers for

magnetic or smart cards, users are instinctively at home with the ML30. A backlit graphics display guides the cardholder to key in the choice of his account or his PIN code for example. The function and navigation keys make it even easier to use.

Ready to use

The ML30 has ready-to-use interfaces: serial or USB ports or an Ethernet connection. It slips easily into its support so that it can be placed next to the point of sale. Its powerful microprocessors and high speed connections carry out transactions in record time. Cardholders and merchants alike will appreciate its speed, even when it is used with EMV smart cards with simple (SDA) or dynamic (DDA) authentication.

A member of the Telium® family

As part of the Telium family, the ML30 has all the exceptional characteristics of Telium technology in terms of reliability, security and speed.

Technical characteristics

- Main microprocessor 32-bit RISC ARM9
- High security 32-bit RISC ARM7 cryptoprocessor
- PCI PED compliant
- Security algorithms DES,3DES,RSA, ...
- Memory: FLASH 16 Mo, SDRAM 8 Mo
- Magnetic card reader: track 1,2
- EMV smart card reader
- Backlit graphic display :128x64 pixels
- Backlit keypad: 16 keys
- Functional pad: 1 up/down + 2 functions
- Buzzer
- Communication: USB
- Privacy shield
- Base
- Size: 165x95x45mm
- Weight: 250g

Options

- Magnetic card reader: track 1,2,3
- Security Access Module (SAM) : 2
- RS 232-C with integrated power supply (5-8 V)
- RS 232-C serial link and external power supply (110-230V 50-60 Hz)
- Ethernet link
- Software Development Kit : SDK Telium®
- EMV level 2 Kernel



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