



GSM

EMV

RISC
32 bit



ARTEMA MOBILE

CARD ACCEPTANCE ANYWHERE

Artema mobile: card acceptance anywhere



Artema mobile

The Artema mobile terminal - with integrated GSM technology - has been developed for use not only with delivery services, exhibitions,

concerts, markets and taxis but also at the traditional point of sale.

With GSM – mobile credit and debit card payment and more

With the guarantee of a fast and secure data transmission the GSM technology enables additional functions for Artema mobile. With the integrated dual band GSM-module and the completely integrated antenna, Artema mobile can be operated in EGSM900 and GSM1800 networks. As well as card transactions via cellular networks the terminal also offers the standard functions of a mobile telephone. Artema mobile allows the user to telephone, to receive and send short text messages (SMS) or e-mails to interact online with a fleet management system or with an enterprise resource planning system.

The terminal has a multi-function interface allowing chargers, head-sets, and other equipment such as barcode readers or external antennas for vehicle use to be connected.



The Artema mobile has an optional integrated high security PIN entry module that meets the security requirements for EMV and Eurocard

PIN entry. The Artema mobile also offers the security protection required for loyalty and electronic purse transactions.

Ergonomics and Robustness

The ergonomic design makes the Artema mobile very easy to handle. The integrated thermal line printer sets new dimensions of receipt printing regarding speed and quality. Not only the clever 'easy-load paper system'

but also the fast changing of battery packs ensure easy handling in everyday use. With extremely robust construction and great resistance against mechanical shocks, Artema mobile fulfils any demands of mobile user.

Software and Services

The Artema mobile shares the common Artema family software architecture operating on a 32-bit RISC processor. A powerful Software Development Kit is available allowing

both simple and complex applications to be realised. Remote operation, diagnosis, maintenance and download via the cellular network supplement this future-oriented technology.

Microprocessor
• 32 bit RISC-processor

Memory
• Flash 4 MB
• SRAM 256 KB

Pinpad (optional)
• ZKA compliant or VISA PED compliant

Printer
• Thermal line printer (12 lines/sec)
• 58 mm wide
• Easy load paper system

Graphic display
• 132 x 40 pixel, backlit

Keyboard
• Silicon keyboard
• 17 keys backlit

Card reader
• 2 track magnetic stripe card reader (ISO tracks 2+3 or 1+2)
• Smart card interface ISO/IEC 7816/1-3
• 4x SAM plug-in interface

Interface
• RS232 (up to 115 kbps)
• Multi-functional interface for accessories: audio, external antenna, serial interface

GSM standards
• EGSM900, GSM1800

Sim-card
• ID000 with external access

Protocols
• V.22bis, V.32, V.110

Power supply
• Ac/dc adapter 110 - 230 VAC/ 12 VDC

Dimensions
• 240 x 90 x 65 mm (L x W x H)

Weight
• 700 g

Accessory (optional)
• Head-set
• Car charger
• Spare battery
• Carry bag
• Multi battery charger (up to 4 battery packs in parallel)

* I n°87126

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