



Artema Hybrid



► Approvals

- PCI PED
- EMV Level 1 & 2
- ZKA
- UK Common Criteria
- ep2
- PBS
- PNC
- EPCI

► Applications

- Debit
- Credit
- Prepaid
- Loyalty
- Dynamic currency conversion

High Performance Terminal with Integrated PIN Pad and Hybrid Card Reader

Artema Hybrid is an all-in-one terminal for magnetic stripe and chip card transactions with a single "hybrid" card reader. For use in stand-alone or multi-lane configurations, Artema Hybrid provides merchants with a powerful and flexible card payment solution.

On insertion of the card, be it with magnetic stripe or chip, the terminal provides fast authentication, ensuring straightforward and consistent handling. This avoids possible confusion, since the cashier does not have to determine whether the card has a valid chip or only magnetic stripe.

With a variety of built-in communication modules and a wide range of interfaces, Artema Hybrid can be connected to most communication networks (PSTN, ISDN, LAN) and peripherals such as cash registers and printers. As a result, the terminal can be used in multi-lane configuration as well as standalone, with or without connection to cash register systems. In all cases, its advanced communication modules guarantee fast and trouble-free transactions.



Optional colour schemes



PSTN & ISDN



Easy card authentication

HIGH PERFORMANCE COMBINED WITH FLEXIBILITY



Easy-to-use ► Hybrid reader for easy card authentication

Flexible ► Multiple communication options

Secure PIN entry ► Designed to meet the most stringent security regulations

Advanced design ► Ergonomic and modular form

High performance ► Fast transaction processing

Artema Hybrid

HIGH PERFORMANCE COMBINED WITH FLEXIBILITY

TECHNICAL SPECIFICATIONS

PROCESSOR

- 32-bit RISC processor

MEMORY

- 8 MB Flash
- 2 MB RAM

CARD READER

- Hybrid chip and magnetic stripe reader (ISO 7816, 7810, 7811, 3 tracks)
- 4 SAM connectors
- SD/MMC connector

PRINTER

- Fast thermal printer (12 lines/second)
- High resolution graphics
- Easy-Click paper loading
- Large paper roll (up to 62 mm)

DISPLAY

- 132 x 64 pixel, backlit
- 8 lines x 22 characters

KEYPAD

- 17 keys, backlit
- Acoustic beep

COMMUNICATION MODULES

- V.34 modem (optional)
- ISDN (optional)
- LAN (onboard)
- Combi modem (PSTN + ISDN)

INTERFACES

- 2 x RS-232 (cash register interface)
- USB
- Power supply
- EDI connection

POWER SUPPLY

- 230 V, 50 Hz

FOOTPRINT (L X W X H)

- **With printer:** 10.82 in x 3.54 in x 4.92 in / 275 mm x 90 mm x 125 mm
- **Without printer:** 8.46 in x 3.54 in x 4.92 in / 215 mm x 90 mm x 125 mm

WEIGHT

- **With printer:** 1.54 lbs / 0.70 kg
- **Without printer:** 1.65 lbs / 0.75 kg

SOFTWARE AND SERVICES

- Artema Software Development Kit (SDK)
- Modular Software Downloads

Security and Speed

- ▶ Artema Hybrid's integral, high performance PIN pad provides maximum security and processing speed for all transaction types, from debit and credit cards to proprietary schemes and e-purses
- ▶ High PIN shield ensures confidential PIN entry

Ergonomic and Modular Design

- ▶ Artema Hybrid integrates card reader, secure PIN pad, and printer in a single compact and ergonomic design, allowing fast and convenient transactions
- ▶ Can easily be handed from cashier to cardholder for PIN entry
- ▶ Also available without the printer and can easily be connected to cash register systems
- ▶ As a dedicated cardholder interface, Artema Hybrid provides amount entry and ticket printing through cash register systems

Multiple Communication Options

- ▶ Built-in communication modules and a wide range of different interfaces
- ▶ Supports most communication networks (PSTN, ISDN, LAN) and peripherals (e.g. cash registers and printers)
- ▶ Combi modem increases logistic efficiency and decreases installation cost
- ▶ Can be used in multi-lane configuration as well as stand alone, with or without connection to cash register systems
- ▶ Advanced communication modules guarantee fast and trouble-free transactions

OPTIONAL ACCESSORIES



OPTIONAL PRINTER



ARTEMA SOFTWARE DEVELOPMENT KIT (SDK)



MODULAR SOFTWARE DOWNLOADS



WORLD HEADQUARTERS:

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