

## Benefits at a glance

- Versatile card payment solution
- Flexible integration
- Maximum security
- Multiple communication options



## Artema Modular

Universal Unattended Payment Solution

## Artema Modular

### Universal Unattended Payment Solution

Artema Modular is a versatile solution that enables fast payment with all card types at self-service and unattended points of sale. It is based on the powerful Artema payment platform and supports the card payment requirements of all international markets.



#### Versatile card payment solution

Artema Modular supports online and offline chip card payments and is fully compliant with EMV Level 1 and 2 requirements. Additionally, due to its modular architecture, Artema Modular supports card payment applications with or without PIN. It is compatible with all Visa and MasterCard transaction types as well as local and international e-purse, credit and debit card schemes.

Through the Artema software development kit, local applications can be developed and certified easily, minimising time to market and product launch costs.

#### Flexible integration

Artema Modular has been specifically designed to meet the stringent requirements of integration into vending machines and kiosks in all market segments. Its modular architecture, multiple interface configurations, standardised card reader and PIN pad cut-outs simplify integration into all types of indoor and outdoor machines from vending and ticketing, to multi-media kiosks.

#### Maximum Security

Artema Modular meets national and international security requirements from ZKA to PCI PED for online and offline transactions with PIN verification. A multi-layered and complex security system ensures that all sensitive data is well protected throughout the transaction. Additionally, the metal keypad and card reader bezel provide top-level protection against vandalism.



#### Artema Controller

- Processor
  - 32-bit RISC processor
- Memory
  - 8 MB Flash • 2 MB RAM
- Communication modules
  - ISDN
  - Ethernet, 100BaseT, TCP/IP
  - GSM/GPRS

#### Interfaces

- Parallel interface to open frame Card Reader
- 3 x RS 232 interfaces
- MDB-interface (MDB/ICP version 3.0)
- Energy saving battery mode with wake-up functionality
- USB 2.0 (full speed) slave
- Interface to alphanumeric display

#### Card readers

- 1-3 SAM connectors
- #### Other features
- 2 control keys and 2 LEDs for operator
  - Wall mount or clip-on Card Reader

#### Dimensions

- 121 x 83 x 44 (L x W x H in mm)

#### Artema Card Reader Manual/Motorised

- Processor
  - 32-bit RISC processor
- Memory
  - 1 MB Flash • 128 KB RAM
- Card readers
  - Hybrid chip and magnetic stripe reader (ISO 7816, ISO 7811, 3 tracks)
  - 3 control LEDs in front metal bezel
  - Anti-vandal Thales metal bezel
  - Card locking, landing contacts,
  - Shutter to prevent foreign body insertion
  - Emergency power-fail card release
  - 2 SAM connectors
- Interfaces
  - 2 x RS 232 interfaces
  - USB 2.0 (full speed) slave
- Dimensions
  - ACR Manual: 125 x 84 x 54 (L x W x H in mm)
  - ACR Motorised: 177 x 84 x 59 (L x W x H in mm)
- Installation cut-out
  - 73.2 x 61.2 (W x H in mm)

#### Artema PIN Unattended

- Processor
  - 32-bit RISC processor
- Memory
  - 2 MB Flash • 512 KB SRAM
- Display
  - APU 7900: 132 x 40 pixel, backlit
  - APU Compact: 132 x 64 pixel, backlit
- Keypad
  - 16 keys with positive feedback
- Interface
  - RS 232 interface
- Installation cut-out
  - APU 7900: 100 x 164 (W x H in mm)
  - APU Compact: 82 x 120 (W x H in mm)

#### All units

- Power supply
  - 10 - 30 V DC
  - 10 - 24 V DC (APU 7900)
- Operating temperatures
  - -20 °C ... +65 °C
  - -5 °C ... +50 °C (ACR Motorised)
  - +5 °C ... +45 °C (PSTN, ISDN, Ethernet)
- Approvals
  - EMV Level 1 and Level 2
  - ZKA security approval
  - PCI PED
- Software and services
  - Software download function
  - Software Development Kit (SDK)



**Hemisphere West Europe Limited**

Tel: + 44 (0)1239 654157  
 Fax: + 44 (0)1239 654742  
 Mobile: + 44 (0)7710 178573  
 Email: sales@hwieurope.com

**Hemisphere West International, Inc.**  
 North America, Australia, East Asia  
 Phone : +1-702-364-4936  
 email : sales@hwiglobal.com

www.hwiglobal.com