

## Your Mobile Credit Card Payment Provider

Adelante Software Limited is a leading provider of electronic payment solutions that enable our clients to securely process electronic payments for goods and services throughout their business.

**Our mobile point of sale products were designed with a specific aim – to increase the number and the value of mobile sales by enabling merchants to take Credit and Debit Card payments, at a low set up cost.**

Over 1000 companies and 15,000 users have benefited from our mobile solutions, from the award winning MobilePOS, to mobile **Chip and PIN** devices. Adelante can advise and deliver the most suitable product to meet your requirements.

Both retail and business customers can benefit from our powerful yet cost-effective multi-currency card payment products. Our robust and reliable end-to-end solutions ensure a swift and secure payment path for low or high-volume, and multi or single outlet retailers. Our multi-currency enabled mobile products are designed to support single and multiple outlets across all business sectors.

### Mobile Chip and PIN Terminal

Following comprehensive market research and product evaluation, Adelante has approved the PayCell terminal from Thyron, an experienced market leader in design and manufacture of card terminals, as our mobile terminal solution. Securely delivering the highest levels of performance and features built into one of the smallest hand held card terminal footprints available today, the PayCell terminal easily provides all the mobile functionality that your business demands. The Paycell terminal also comes with the advantage of being approved by all the major credit card banking providers, allowing you to shop around for the best banking transaction rates.

The PayCell terminal supports mail-order, magnetic stripe, and **Chip and PIN** for the ultimate in security and flexibility. A choice of mobile telecom networks are available to ensure that the GPRS requirements of your device can be tailored to the areas in which it is deployed, without compromise to the speed of transaction.

Adelante also provide a portfolio of optional service and support functions that provide mobile traders with the most comprehensive backup service available in the market today.





## Product Specifications

Networks Supported	O2 and Vodafone
Connection to Banks	Integrated GSM/GPRS module with voice functionality
Acquiring Banks Supports	All major banks including Lloyds CardNet, Natwest Streamline and Barclays Merchant Services
Purchase Plan	One off purchase or terminal rental (minimum 6 months)
Support	Return to Base Warranty Option 24 Hour Swap Out Option 8 Hour Swap Out Option 4 hour Swap Out

## Architecture

Processor	32bit – ARM 7 Technology – 60MHz
Memory	4MB FLASH (Upgradeable to 8MB) 8MB SDRAM 128KB SRAM (battery backed up)
Real Time Clock	Hardware based real-time clock
Security	Visa Secure PED compliant (offline)

## Interfaces and Communications

Card Interfaces	ISO 3 track magnetic card reader Full Size ISO 7816 smart card interface (1.8v, 3v & 5v) GPRS as Standard Optional Contactless card interface supporting Mifare™, ISO14443 Type A & B
PSTN Modem	Third party external PSTN modem support

## Physical Characteristics

Display	Full backlit graphics with very high resolution LCD (160 x 104 pixels) Optional touch screen
Keypad	16 button backlit keypad with 4 way menu key and 2 Function keys
Printer	Integrated high speed easy load thermal printer, up to 15 lines per second, full graphics
Battery Pack	Quick charge NiMH battery pack (1 hour to full charge), with 12 hours standby Estimated 200+ online GSM/GPRS transactions from one charge
Power Supply	Universal 100 – 240V AC power supply adapter Optional vehicle 12V/24V DC adapter
Weight	570g including battery and paper roll
Dimensions	185mm (L) x 85mm (W) x 60mm (H)

## Environmental

Temperature	0 °C to +50 °C (Operating) -15 °C to +70 °C (Storage)
Humidity	0% to 80% non condensing

## Certifications and Approvals

Approvals	Visa offline PED EMV Level 1 and 2 (EMV 4) CE APACS Common Criteria (in progress) PCI (in progress)
-----------	---

## Support and Development Software

Terminal Management – Thyron Terminal Management System (TMS)
E&OE. This information is subject to change without notice.

