



Advanced Card Systems Ltd.
Card & Reader Technologies



ACR880

CARD & READER TECHNOLOGIES

GPRS Portable Smart Card Terminal

Product Presentation





Rundown



1. Product Overview
2. Product Feature
3. Product Value
4. Product Application
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Product Overview





Product Overview

The PIN-pad Product Family Lines has the portable version of eH880 which is the ACR880 GPRS Portable Smart Card Terminal.

The ACR880 features 32 bit Arm 9 processor embedded Linux, integrated TCP/IP networking support, dual smart card interface, multiple SAM slots, and can operate PC-Linked and Standalone Modes. It also has rechargeable lithium battery and GPRS network connectivity.





Product Features



What are the Key Features of ACR880?





Product Features



Contact Cards:

- ISO 7816 Class A,B,C (5,3, 1.8V)
- T=0 , T=1
- Memory Cards

Atmel: AT24C01 / 02 / 04 / 08 / 16
Infineon: LE5532/5542/5518/5528

Contactless

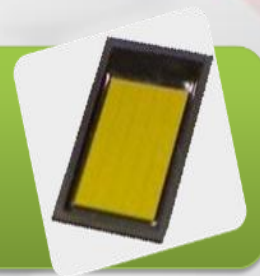
- Support MIFARE® Classics
- ISO14443 A/B Contactless cards



Optional / On Request :

Fingerprint
Sensor

Optional



Cradle with Connection Ports (left to right)

- USB Client
- USB Host
- RS232 Serial
- Ethernet
- AC Jack (Power Supply)





ACR880 Series



ACR880
(Standard Version)



ACR880-FP
(+ Fingerprint Reader)



Product Value



Product Benefits

Cost-Effective

All in one design with powerful adds-on at the price of one
(GPRS + Pinpad + Portable+ LCD + Contact + Contactless + Fingerprint)

Wireless Communication Technology

GPRS supports long range wireless communication

Fast and Secure Transactions

Multiple SAM Slots
Dual smart card interface
Secure PIN Entry
Mutual Authentication

Ease of Technology

Firmware Upgradeable
Integrated TCP/IP Networking Support

Innovative

Ergonomically body design
Supports Multi-Languages
Large Memory Size for multiple applications
Long Battery Life handles up to 200 transactions



Product Application



In what areas can we apply ACR880?



e-Government



e-Payment



e-Healthcare



Customer Loyalty



Transportation





ACR880 Sample Application

1. Contact or contactless user's card



Enter PIN with the keypad



2. SAM or SIM cards stored in ACR880

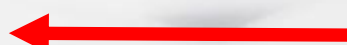
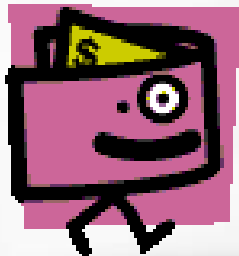


Authenticate the large cards inserted, as well as the data received from them, and prove to the cards the authenticity of the terminal

3. Relevant info will be sent to the back-end server via GPRS



4. Merchant enters amount by means of the keypad





Thank You!!!

More information on:

<http://acs.com.hk/index.php?pid=products&id=5>