



Advanced Card Systems Ltd.
Card & Reader Technologies



eH880

CARD & READER TECHNOLOGIES

Secure Smart Card Terminal

Product Presentation





Rundown



1. Product Overview
2. Product Feature
3. Product Value
4. Product Application
5. Q & A



Product Overview



Product Overview

eH = eHealth / enhanced (definition for different markets)

The eH880 Secure Smart Card Terminal is one of the powerful , innovative and flexible smart card reader under PIN-pad Product Family Lines.

The eH880 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.

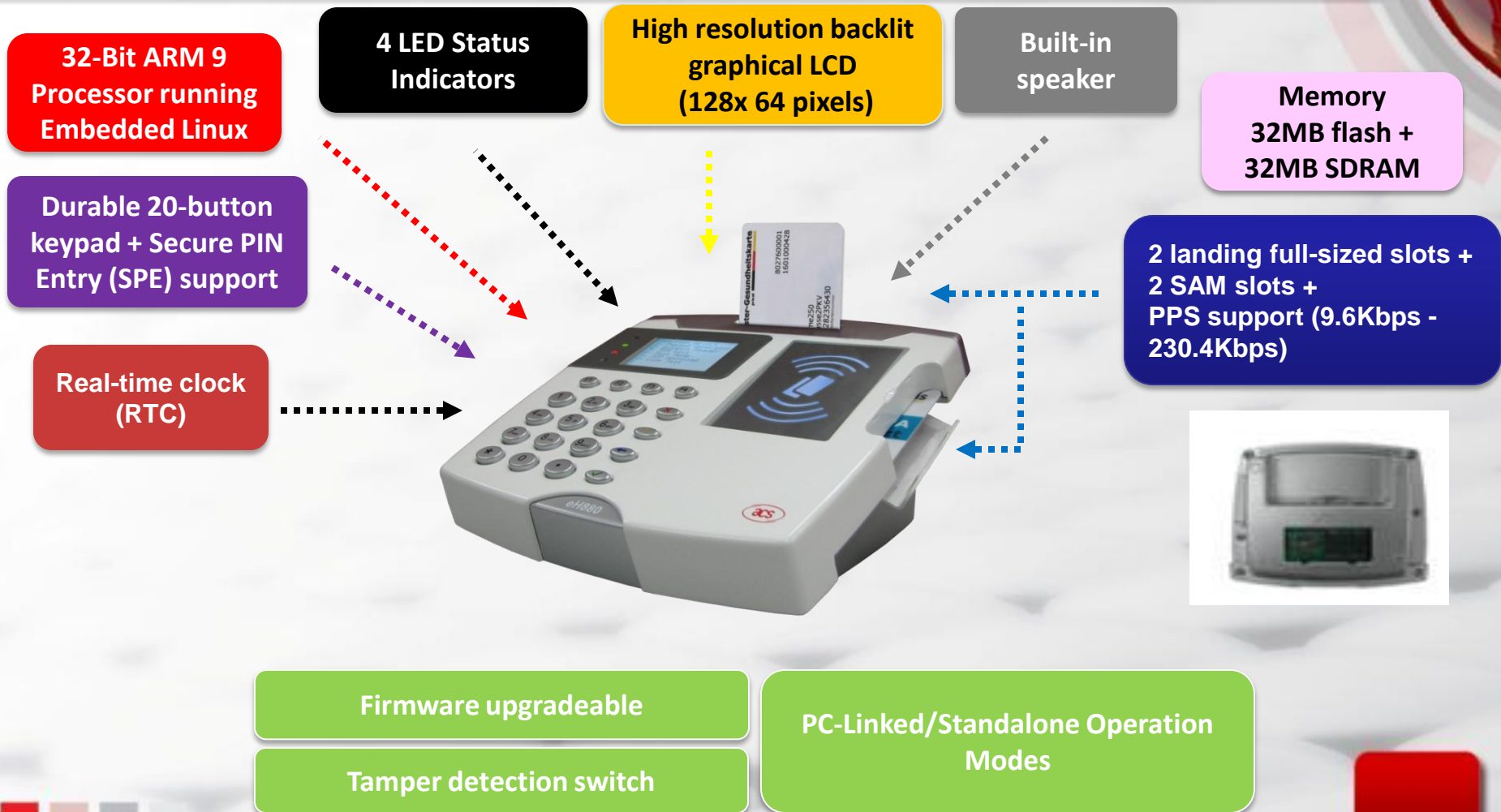




Product Features



What are the Key Features of eH880?





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

Connection Ports (left to right)

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



eH880 Series



eH880
(Standard Version)



eH880-FP
(+ Fingerprint Reader)



Product Value





Product Benefits

Cost-Effective

All in one design with powerful adds-on at the price of one

(Ethernet + Pinpad + Portable+ LCD + Contact + Contactless + Fingerprint)

Ease of Technology

Firmware Upgradeable

Integrated TCP/IP Networking Support

Fast and Secure Transactions

Multiple SAM Slots

Dual smart card interface

Secure PIN Entry

Mutual Authentication

Innovative

Ergonomically body design

Supports Multi-Languages

Large Memory Size for multiple applications



Product Application



In what areas can we apply eH880?



e-Government



e-Payment



e-Healthcare



Customer Loyalty



Transportation





eH880-A1 Sample Application

1. Contact or contactless user's card



Enter PIN with the keypad



2. SAM or SIM cards stored in eH880

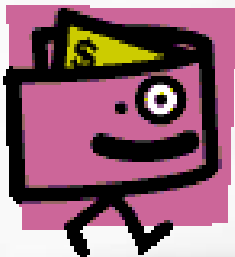


Authenticate the large cards inserted, as well as the data received from them, and prove to the cards the authenticity of the terminal

3. Relevant info will be sent to the back-end server via TCP/IP



4. Merchant enters amount by means of the keypad





Thank You!!!

More information on:

<http://www.acs.com.hk/eh880.php>

