



**Advanced Card Systems Ltd.**  
Card & Reader Technologies



# ACR880

**GPRS Portable 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

32-Bit ARM 9 Processor running on embedded Linux

32MB Flash and 32MB SDRAM Memory

GPRS/GSM Quad Band (850, 900, 1800, 1900 MHz)

2 Full-Sized and 2 SAM-Sized Card Slots

Contactless Reader

Standalone/PC-linked Operation Modes

Optional Fingerprint Scanner





# Product Features





# Product Features



Firmware Upgradability

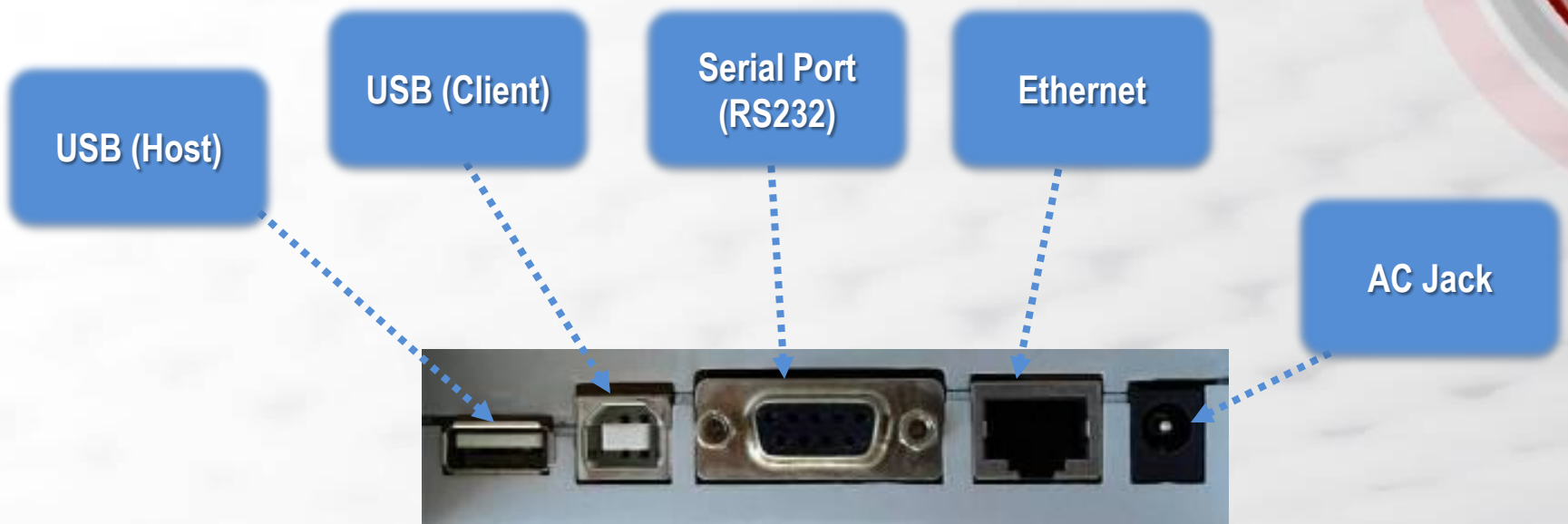
Standalone/PC-Linked Operation Modes

Tamper Detection Switch





# Product Features





# Supported Cards



## CONTACT CARDS

1. ISO7816 - Class A,B,C (5V, 3V, 1.8V)
2. T=0, T=1 Protocol
3. Memory Cards  
*(Atmel: AT24C01 / 02 / 04 / 08 / 16  
Infineon: LE5532/5542/5518/5528)*

## CONTACTLESS CARDS

1. MIFARE® Classic
2. ISO14443 Class A/B Contactless Cards





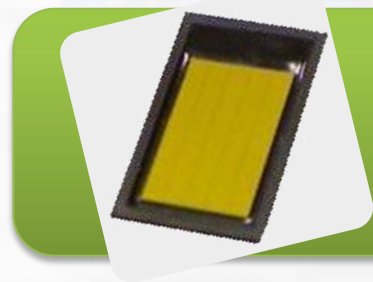
# Optional Features



**WiFi Dongle  
(Built-In)**



**Colored  
LCD**



**Fingerprint  
Sensor**





# Product Value



# What are the Key Benefits of ACR880?

- **High Performance Device**  
32-Bit Processor, 32MB SDRAM and 32MB Flash
- **All-in-one, Cost-efficient, and Space-saving design:**  
PINpad + LCD+ Contactless + GPRS/GSM + FP
- **Works in the dark or emergency without light :**  
Thanks to the backlit LCD and PINpad
- **Stylish and Stable (~1kg) design**
- **Secure PIN Entry:**  
PIN never leaves the terminal
- ACS can provide other **additional accessories** for different needs. *e.g.: ACR83 as the 3<sup>rd</sup> reader...*
- **Desktop Version: eH880-DP-CL**



ACR83



eH880



# Compliance & Certification





# Product Application





# In what areas can we apply eH880?



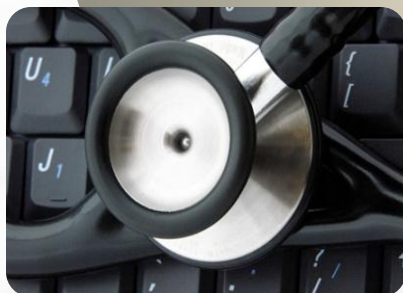
Time & Attendance Checking



e-Payment



e-Government



e-Healthcare



Loyalty Program



e-Banking





# Sample Application: Loyalty Program





# Sample Application: e-Payment





# Sample Application: e-Healthcare





# Thank You

