
CN8 SDK

CN8-SDK is software development kit for embedded GUI software development by C++ / C language, and use Qtopia 4.7.0 framework and Qt-Creator development tool. It includes Development Tools, Cross-compiler, Dynamic Library, API, Demo Software, User Manual, Peripheral Operation Examples and System Upgrade Kit.

CN8-SDK also offer Host Demo and API for fingerprint and comprehensive cards as Mifare plus and DESFire EV1 etc. and NFC technology. It supports quick system upgrading by SD card and can be easily debug via UART port to greatly ease user's application development.

Features

SDK is available with some special benefits for customer's development

- ✚ Demo application program source code to ease your development and save your time & cost
- ✚ Robust and powerful informative API and DLL to support NFC and multi RFID card as Mifare, Mifare Plus, DESFire EV1, ISO14443A/B compatible cards and Sony Felica
- ✚ Robust fingerprint API to realize fingerprint module operations as fingerprint registration, scanning, fingerprint data & image collection & management, encryption and fake fingerprint data verification, even module reset, configuration information obtaining
- ✚ Examples for good reference and understanding
- ✚ Abundant development tool and cross-compiling chain
- ✚ Large capacity SD card ease system upgrade
- ✚ Host Demo, a software testing tool to ease development
- ✚ One time purchase and free charge upgrade forever

Details for CN8 SDK

- **Documents**
 - Fingerprint module API documentation
 - RFID card reader module API documentation
 - GPRS module specification and command documentation
 - Demo procedure operation documentation
 - Developer manual
- **Library**
 - RFID module dynamic library + header files
 - Fingerprint dynamic library +header files
- **Source Code**
 - Demo program source code
 - Executable Compiled Demo program
 - Setting tools of WIFI module
 - executable Compiled WIFI program
 - Peripherals operation source code
- **Tools**
 - Offer SD card tool to rewrite (burn) program system
 - Cross-compiling chain
 - Qtopia development kit
- **Upgrade & reload**
 - System upgrading folder and guide
 - Demo Software
 - Demo upgrade operation guide