NFC enabled

Smartcard Reader/Writer

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IDE-620



Application

Identification System
Card Issuing System
Card Operating System Development
e-Payment System

Features

ISO 14443 A/B, Mifare, DesFire, ISO 18092(NFC)
ISO 7816 –1ea x ID type & 1ea x SIM type
PC/SC, Proprietary Mode
SDK, FDK available for Development
Special SDK for NFC developer

Specifications

CPU	ARM 32-bit Cortex-M3(48MHz)
Program/ Data Memory	128KBytes Flash / 20KBytes SRAM
Data Interface	USB Full Speed (12Mbps)
Contactless Communication	ISO-14443 A/B, Mifare™, ISO 18092(NFC), DESFire, FeliCa®
Frequency	13.56 Mhz ± 7Khz
Baud rate	106/212/424/848kbps
Reading Distance	2~5cm
Interface Contact	1 ID Type + 1 SIM type (ISO7816, T=0, T=1)
Protocol	PC/SC, Proprietary
Indicator	2 LEDs
Input Power	DC5V , 150mA (USB POWER)
Dimension	68 * 120 * 30(mm)
Case	Special Customized reader case
Supportive O/S	Windows 2000, Window Vista, Windows 7/ Linux (CCID driver)
Operating Temperature	-10 ~ 60 °C

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