

NFC full-support

Contact & Contactless Reader/Writer

DE-620



Application

Identification 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 Card	ISO-14443 A/B, Mifare™, ISO 18092(NFC), NFC P2P, DESFire, FeliCa® ISO-15693(DE-620R)
Frequency	13.56 Mhz ± 7Khz
Reading Distance	2~5cm (depends on card types)
Contact card	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)
Supportive O/S	* 32bit : Win98, Win ME, Win NT 4.0, Win 2000, Win 2003, Win 2003 R2, Win XP, Win Vista, Win 2008, Win 7, Win 8 * 64bit : Win XP x64, Win 2008 x64, Win 2008 R2 x64, Win 7 x64, Win 8 x 64 * Linux (CCID driver)
Operating Temperature	-10 ~ 60 °C
Certifications	CE, FCC Certified. RoHs, Reach compliant