

# 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

<b>CPU</b>	ARM 32-bit Cortex-M3(48MHz)
<b>Program/ Data Memory</b>	128KBytes Flash / 20KBytes SRAM
<b>Data Interface</b>	USB Full Speed (12Mbps)
<b>Contactless Card</b>	ISO-14443 A/B, Mifare™, ISO 18092(NFC), NFC P2P, DESFire, FeliCa® ISO-15693(DE-620R)
<b>Frequency</b>	13.56 Mhz ± 7Khz
<b>Reading Distance</b>	2~5cm (depends on card types)
<b>Contact card</b>	1 ID Type + 1 SIM type (ISO7816, T=0, T=1)
<b>Protocol</b>	PC/SC, Proprietary
<b>Indicator</b>	2 LEDs
<b>Input Power</b>	DC5V , 150mA (USB POWER)
<b>Dimension</b>	68 * 120 * 30(mm)
<b>Supportive O/S</b>	* <b>32bit</b> : Win98, Win ME, Win NT 4.0, Win 2000, Win 2003, Win 2003 R2, Win XP, Win Vista, Win 2008, Win 7, Win 8 * <b>64bit</b> : Win XP x64, Win 2008 x64, Win 2008 R2 x64, Win 7 x64, Win 8 x 64 * <b>Linux</b> (CCID driver)
<b>Operating Temperature</b>	-10 ~ 60 °C
<b>Certifications</b>	CE, FCC Certified. RoHs, Reach compliant