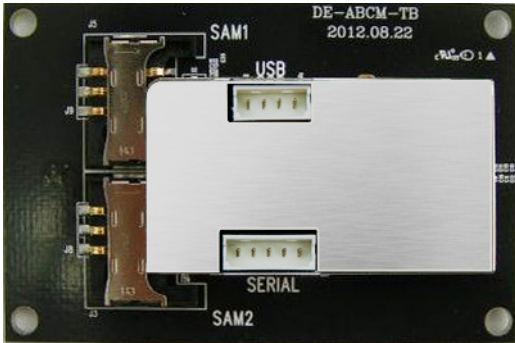


NFC

Reader/Writer module

DE-ABCM



Application

NFC Tag management
 NFC Payment/ Non payment
 NFC Kiosk
 Access Control System

Features

Embedded antenna type
 ISO 14443 A/B, Mifare, DesFire, ISO 18092(NFC)
 USB 2.0 and Serial(RS-232) /TTL UART
 PC/SC, Proprietary Mode

Specifications

CPU	ARM 32-bit Cortex-M3(48MHz)
Program/ Data Memory	128KBytes Flash / 20KBytes SRAM
Data Interface	USB 2.0 , Serial (RS-232) /TTL UART(115200bps)
Contactless Communication	ISO-14443 A/B, Mifare™, ISO 18092(NFC), DESFire, FeliCa®
Contact Communication	ISO-7816 SAM X 2EA
Frequency	13.56 Mhz ± 7Khz
Baud rate	106/212/424/848kbps Up to 424kbps for NFC P2P communication
Reading Distance	2~5cm
Protocol	PC/SC, Proprietary
Antenna	Direct matching (embedded)
Input Power	DC5V , Max 100mA (USB POWER)
Dimension	70 x 45 x 8 (mm)
Supportive O/S	Windows 2000, Window Vista, Windows 7/ Linux (CCID driver)
Operating Temperature	-10 ~ 60 °C