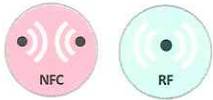


# Dragon



**NFC reader/writer**  
**Contactless smartcard reader/writer**

- USB PC/SC Compliant
- Support all NFC Forum tags (T1T/T2T/T3T/T4T)
- Peer to Peer communication (LLCP)
- ISO 14443 A/B, Mifare, DESFire, ISO 18092
- Special SDK for NFC System developer

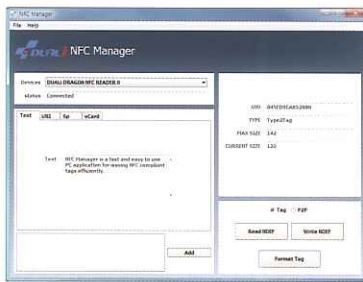


## Specifications

<b>CPU</b>	ARM 32-bit
<b>Program/ Data Memory</b>	128KBytes Flash / 20KBytes SRAM
<b>Host Interface</b>	USB Full Speed [12Mbps]/ PC/SC (Default), Proprietary
<b>Operating System</b>	Windows 2000, Window Vista, Windows 7 / Linux (CCID driver)
<b>Contactless Interface</b>	ISO 14443 A/B, Mifare, ISO 18092(NFC), DESFire, FeliCa
<b>Contactless Speed</b>	106/212/424/848kbps / Up to 424kbps for NFC P2P mode
<b>Frequency</b>	13.56 Mhz
<b>Reading Distance</b>	Max 5cm
<b>Contact Interface</b>	Option / 1 SIM type (ISO7816, T=0, T=1)
<b>Indicator</b>	4 LEDs
<b>Input Power</b>	DC5V , 200mA (USB POWER)
<b>Dimension</b>	62 * 95 * 13 (mm)
<b>Case</b>	ABS
<b>Operating Temperature</b>	-10 ~ 60 °C
<b>Certifications</b>	CE, FCC, NFC Forum certified, ROHS compliant

## ➤ DUALi NFC SDK

- DUALi provides useful software, NFC manger which is designed very simple & easy to use even though User/Developer doesn't have technology background.
- Development Kit for NFC solutions which includes SDK and R/W device (Dragon)  
→ Operating systems: Windows XP/2000/Vista/W7 (32/64) (USB PC/SC Mode)
- Contents: Contactless reader (Dragon, USB interface) + SDK CD + NFC tag samples



NFC Manager Software

### Features

1. Automatic Tag/Device Detection
2. Tag format
3. Read NDEF data from Tag/Device
4. Write NDEF data to Tag/Device

NFC Manager Program provides 4 types of below record.

- Text Record
- URI Record
- SmartPoster Record
- vCard Record

## ➤ Applications

- NFC payment/non payment
- NFC Tag management
- NFC Kiosk
- Access control / e-ticket/ e-boarding



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