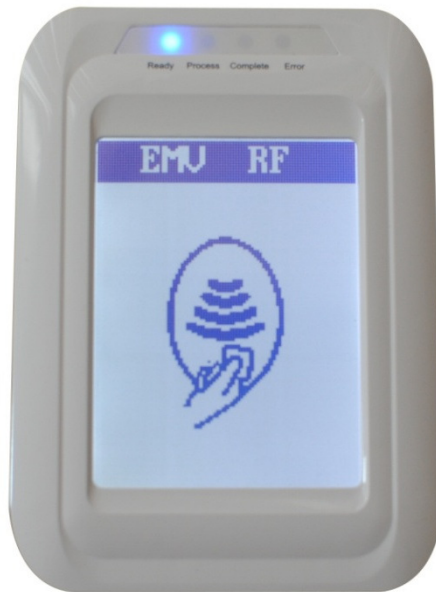


## NFC Plugfest version



### Main Features

- NFC P2P FUNCTION TEST (4MODE)
  1. Passive P2P – as Initiator 106/212/424bps and Target
  2. Active P2P – as Initiator 106/212/424bps and Target
  3. Reader Mode – Read/Write NDEF message/Tag Detect
  4. Card Mode – T2T/T3T/T4TA Card emulation
- NFC Debug test (USB interface)



```

DNW v2.0 by Dual 2008/09/01 [COM:USB1]
Serial Port: USB Port Configuration Help
ATR_REQ txe... 1e 44 0 1 Fe 1 2 3 4 5 6 0 0 0 0 32 46 66 6d 1 1 11 3
2 0 19 A 1 64
ATR_RES pxd... 1e 05 1 2 9 6 9e 1e b4 9 52 90 91 0 0 0 e 32 46 66 6d 1 1 11
9 2 0 13 A 1 96
BST= 0 BRT= 0 TO= e PPT=02 LRT=0

LINK_STATE[1] = LINK_ACTIVE
LLC : SND_CONNECT-PDU. [DSAP= 1 SSAP=22]-OUTBOUND
DEP_REQ : 17 04 6 0 5 22 6 F 75 72 6E 3A 6E 66 63 3A 73 AE 3A 73 6E 65 70
DEP_RES : 0 05 7 0 0 0
LLC : RCV_SVHM-PDU. [DSAP= 0 SSAP= 0]-

LINK_STATE[2] = LINK_SVHM
LLC : SND_SVHM-PDU. [DSAP= 0 SSAP= 0]-
DEP_REQ : 6 04 6 1 0 0
DEP_RES : 0 05 7 1 80 84 2 2 0 78
LLC : RCV_CC-PDU. [DSAP=22 SSAP= A]-OUTBOUND

LINK_STATE[3] = LINK_CONNECTED
LLC : SND_I-PDU. [M(s)= 0 M(r)= 0] [DSAP= A SSAP=22]-OUTBOUND
DEP_REQ : 10 04 6 2 13 22 0 10 2 0 0 0 F D1 1 0 55 1 04 75 61 6C 69 2E 63
6F 6D 0
DEP_RES : 7 05 7 2 80 84 1
LLC : RCV_BR-PDU. [M(r)= 1] [DSAP=22 SSAP= A]-OUTBOUND
[nr= 1, RCV_US= 0, SND_US= 1]

LINK_STATE[4] = LINK_SVHM
LLC : SND_SVHM-PDU. [DSAP= 0 SSAP= 0]-
DEP_REQ : 6 04 6 0 0 0
    
```

<DNW Program>

### Applications

- NFC Device compatibility test
- NFC Payment/ Contactless payment
- Any NFC Applications including Membership program

# NFC PAD

## Multi functional contactless reader



### Benefits

- Multiple connectivity : mini USB, RS232 & TCP/IP
- Speeds up business procedures
- Increase Space Efficiency : Compact and lightweight
- Increase security level
- Suitable for various NFC applications

### Specifications

CPU	ARM 32-bit CPU
Program Memory	1MBytes Flash
Data Memory	96KBytes (optional up to 32MBytes Flash, 4MByte SRAM)
Host Interface	Mini USB, RS-232, TCP/IP
Contactless Communication	ISO 14443 A/B, ISO 18092, Mifare, DESFire, FeliCa, LLCP/SNEP
Contact Communication	8 SAM slot (ISO 7816, T=0, T=1)
Reading Distance	Maximum 5cm
Display	4 Status LED, 3.5" Graphic LCD
Touch	RESISTIVE TOUCH PANEL
Input Power	DC 5V
Tamper switch	Key Protection
Dimension / Weight	125 * 90 * 27 / 190 g
Operating Temperature	-10 ~ 60 °C
Certification	KC, FCC, CE, EMV LEVEL1

### DUALi Inc. Headquarter

1-309. INNOPLEX,  
#552 Wonchon-dong,  
Youngtong-gu, Suwon,  
Gyeonggi 443-380,  
Korea

Tel : 82-31-213-0074  
Fax : 82-31-213-0078  
URL : [www.duali.com](http://www.duali.com)

### DUALi Inc. Sales Office

Tel : 82-070-4172-8585  
Fax : 82-2-562-8589  
E-mail : [sales@duali.com](mailto:sales@duali.com)