

DESFire(RD300-DES1 supported)

[illegible]

1. UID : Click to read Desfire card's UID.
2. File ID : RD300-DES1 support 4 files (01~04)
3. Block ID : Each File ID have 4 block ID (01~04), Every block have 32 bytes data.

4. Key No (1~8)

0	Format key	Can't change
1	File Key	FileID 1 read key
2	File Key	FileID 1 write key
3	File Key	FileID 2 read key
4	File Key	FileID 2 write key
5	File Key	FileID 3 read key
6	File Key	FileID 3 write key
7	File Key	FileID 4 read key
8	File Key	FileID 4 write key

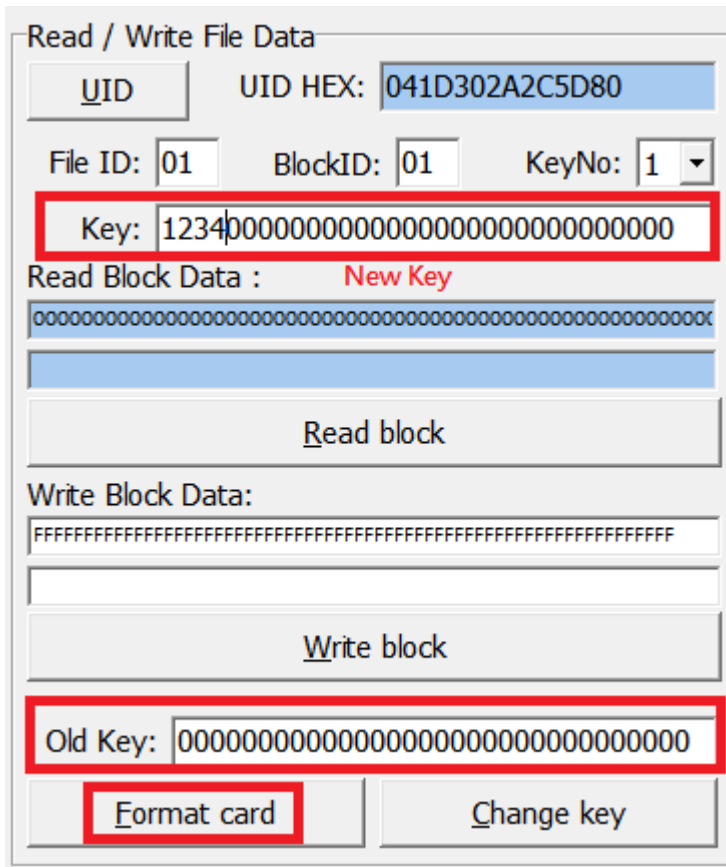
(*Default key is all "0" or all "F".)

[illegible]

Select KeyNo and input correct key then click “Change key” to change Desfire card’s file key.

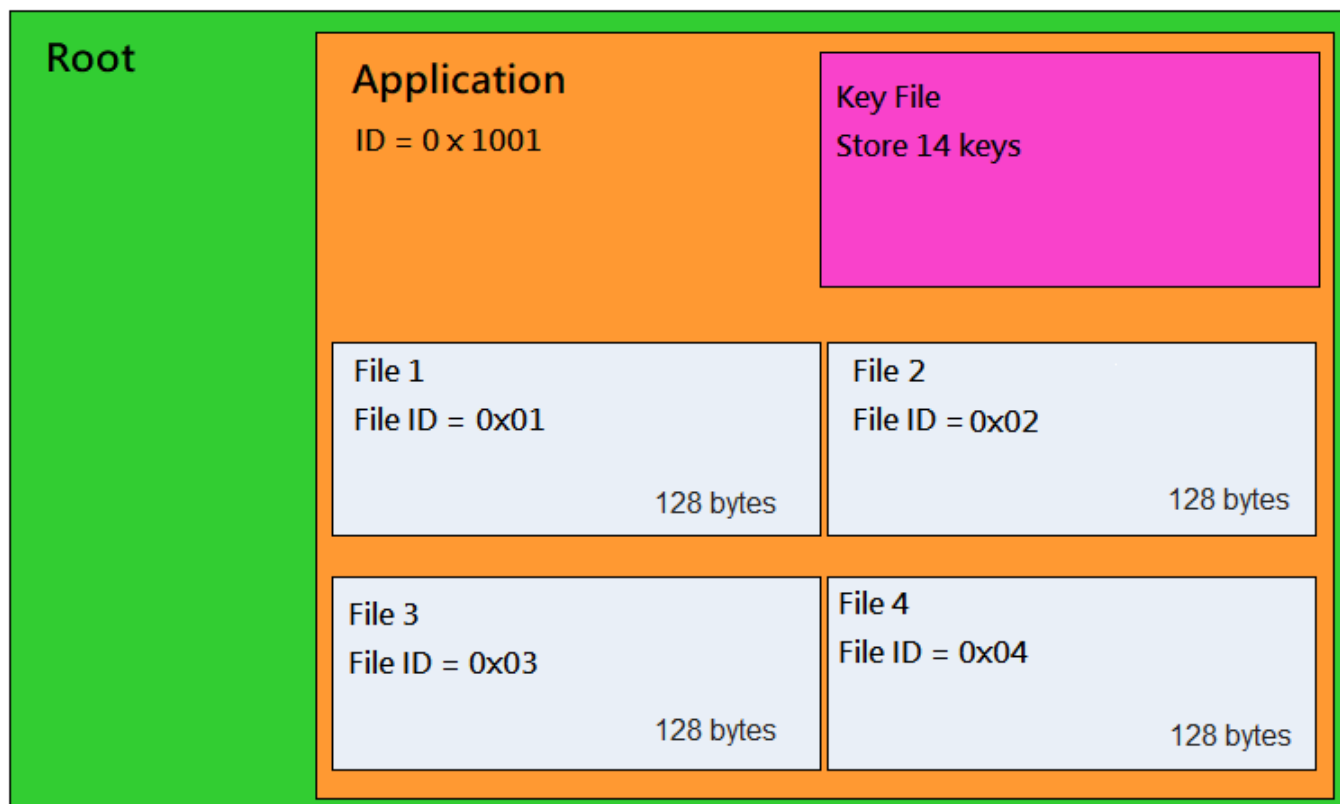
5. Read block :Click read block to read current configured block data.
6. Writeblock :Click write block to write current configured block data.

- When the format card is successful, all file keys will be initialized to all "0"



8. Auto read :
 - a. Enable this function and configure FileID, BlockID and KeyNo (EEPROM KEY)
 - b. Enable "Auto" in common tab.
 - c. Open notepad and punch Desfire card to read.
9. Write key to EEPROM : Input and save key to RD300-DES1 (1~8)

10.Desfire EV1 file structure



Desfire Key structure	
0x00	Application key
0x01	FileID 1 read key
0x02	FileID 1 read/write key
0x03	FileID 2 read key
0x04	FileID 2 read/write key
0x05	FileID 3 read key
0x06	FileID 3 read/write key
0x07	FileID 4 read key
0x08	FileID 4 read/write key
0x09	Reserved
0x10	Reserved
0x11	Reserved
0x12	Reserved
0x13	Reserved