

# CUPOWER

BORN TO BE LIGHT.



## Instruction manual

### Inline Programming

## Content

1. Summary.....	3
2. How to use “CU-Power_CMD_config_Multi_Drivers.exe” .....	3
3. Other information.....	5
3.1 How to view version.....	5
3.2 Return message.....	5
3.3 Return message log. ....	6
4. Device type and driver type.....	7
5. Matters need attention.....	8

## 1. Summary

The SW "CU-Power\_CMD\_Config\_Multi\_Drivers.exe", which is for configure CU-Power NFC drivers. Use command line to run the SW, the SW will return a result, to indicate success or other error state (will introduce below).

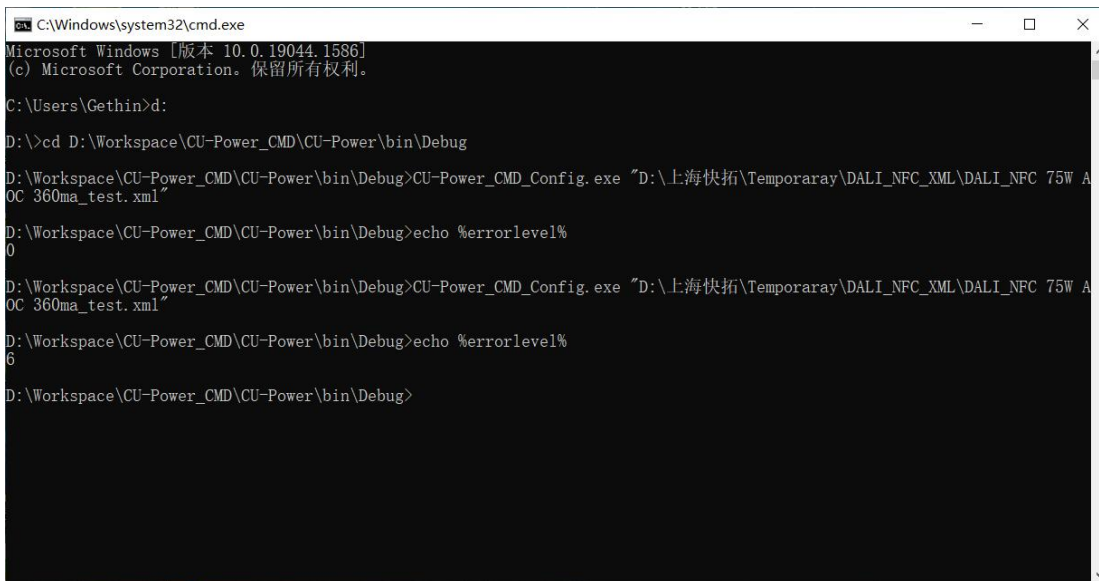
名称	修改日期	类型	大小
CU-Power_CMD_Config_Multi_Drivers.exe	2023/4/9 9:20	应用程序	79 KB
DALI_NFC 75W AOC 360ma_Template.xml	2023/4/9 11:20	XML 文档	5 KB
fecom.dll	2019/11/14 23:47	应用程序扩展	316 KB
fefu.dll	2019/11/14 23:47	应用程序扩展	89 KB
feisc.dll	2019/11/14 23:47	应用程序扩展	618 KB
fetcl.dll	2019/11/14 23:47	应用程序扩展	261 KB
fetcp.dll	2019/11/14 23:47	应用程序扩展	265 KB
feusb.dll	2019/11/14 23:47	应用程序扩展	326 KB
libeay32.dll	2019/11/14 23:47	应用程序扩展	1,152 KB
mfc110.dll	2019/11/14 23:47	应用程序扩展	4,318 KB
mfc110u.dll	2019/11/14 23:47	应用程序扩展	4,353 KB
msvcpr110.dll	2019/11/14 23:47	应用程序扩展	523 KB
msvcr110.dll	2019/11/14 23:47	应用程序扩展	855 KB
OBIDISC4NET.dll	2019/11/14 23:47	应用程序扩展	479 KB
OBIDISC4NET_API.dll	2019/11/14 23:47	应用程序扩展	296 KB
OBIDISC4NETnative.dll	2019/11/14 23:47	应用程序扩展	3,636 KB

Applicable systems: win7/win10/ win11

Applicable USB devices: Supports multiple USB devices (FEIG), each FEIG can be connected to multiple tags (drivers). Currently several prototypes are supported.

## 2. How to use "CU-Power\_CMD\_config\_Multi\_Drivers.exe"

(1) Open command windows, as shown below.



```
C:\Windows\system32\cmd.exe
Microsoft Windows [版本 10.0.19044.1586]
(c) Microsoft Corporation. 保留所有权利。

C:\Users\Gethin>cd D:\Workspace\CU-Power_CMD\CU-Power\bin\Debug

D:\Workspace\CU-Power_CMD\CU-Power\bin\Debug>CU-Power_CMD_Config.exe "D:\上海快拓\Temporaray\DALI_NFC_XML\DALI_NFC 75W AOC 360ma_test.xml"

D:\Workspace\CU-Power_CMD\CU-Power\bin\Debug>echo %errorlevel%
0

D:\Workspace\CU-Power_CMD\CU-Power\bin\Debug>CU-Power_CMD_Config.exe "D:\上海快拓\Temporaray\DALI_NFC_XML\DALI_NFC 75W AOC 360ma_test.xml"

D:\Workspace\CU-Power_CMD\CU-Power\bin\Debug>echo %errorlevel%
6

D:\Workspace\CU-Power_CMD\CU-Power\bin\Debug>
```

(2)Go to the address where "CU-Power\_CMD\_config\_Multi\_Drivers.exe" is put.

(3)Go to the address where the target XML file is put.

For example:

Run the program:

D:\Workspace\CU-Power\_CMD\CU-Power\bin\Debug\CU-Power\_CMD\_config\_Multi\_Drivers.exe "C:\temporary\DALI\_NFC 75W AOC 360ma\_Template.xml" "C:\temporary\ 100W 200mA 700mA DALI NFC eeprom corridor.xml"

CMD line will echo:

Parameters parse finished!

FEIG 1 start to configure!

FEIG 1 configure success!

Parameters parse finished!

FEIG 2 start to configure!

FEIG 2 configure success!

2024-04-01 09:58:37 615 all success

Note:Please use absolute XML address as parameters.

If the XML name or folder name have space in them, please use "" to contain the address, like this "C:\temporary\DALI\_NFC 75W AOC 360ma\_Template.xml"

Note:The "0" is the return result, which mean "Success" (result meaning descript below this document).

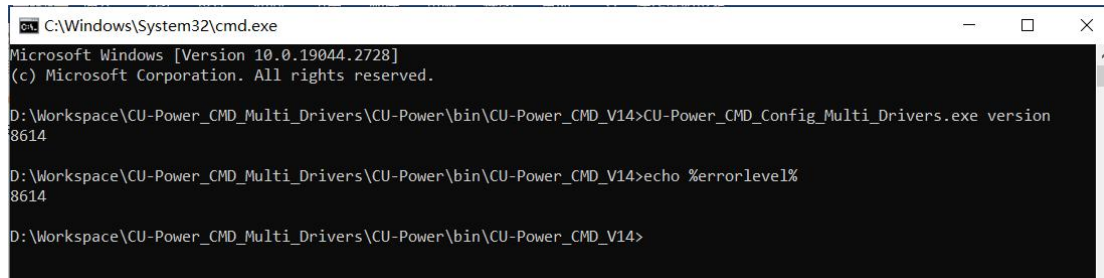
Note: This is just an example, the result can put into a file and read out from file, or other way to get the result.

### 3. Other information

#### 3.1 How to view version

##### a.one XML file

Here use a command parameter "version". The interface is shown below.



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.2728]
(c) Microsoft Corporation. All rights reserved.

D:\Workspace\CU-Power_CMD_Multi_Drivers\CU-Power\bin\CU-Power_CMD_V14>CU-Power_CMD_Config_Multi_Drivers.exe version
8614

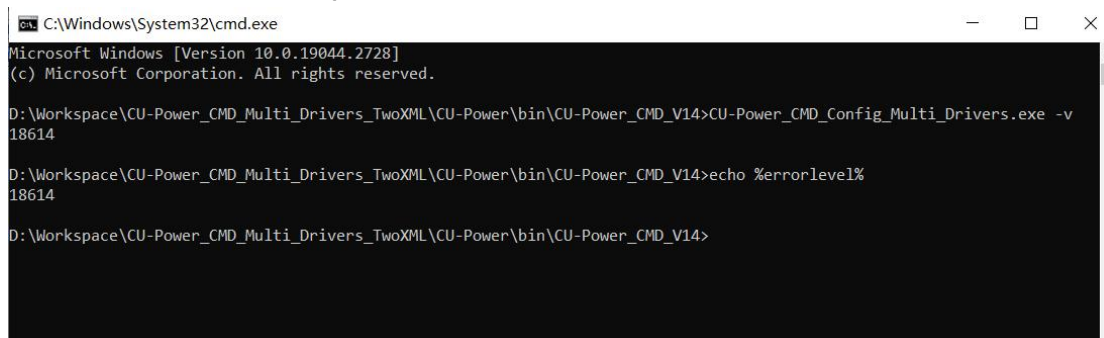
D:\Workspace\CU-Power_CMD_Multi_Drivers\CU-Power\bin\CU-Power_CMD_V14>echo %errorlevel%
8614

D:\Workspace\CU-Power_CMD_Multi_Drivers\CU-Power\bin\CU-Power_CMD_V14>
```

Here 8614 is the version, which means V14.

##### b.Two XML file

Here use a command parameter "-v".The interface is shown below.



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.2728]
(c) Microsoft Corporation. All rights reserved.

D:\Workspace\CU-Power_CMD_Multi_Drivers_TwoXML\CU-Power\bin\CU-Power_CMD_V14>CU-Power_CMD_Config_Multi_Drivers.exe -v
18614

D:\Workspace\CU-Power_CMD_Multi_Drivers_TwoXML\CU-Power\bin\CU-Power_CMD_V14>echo %errorlevel%
18614

D:\Workspace\CU-Power_CMD_Multi_Drivers_TwoXML\CU-Power\bin\CU-Power_CMD_V14>
```

Here 8614 is the version, which means V14.

#### 3.2 Return message

The return message is like this:

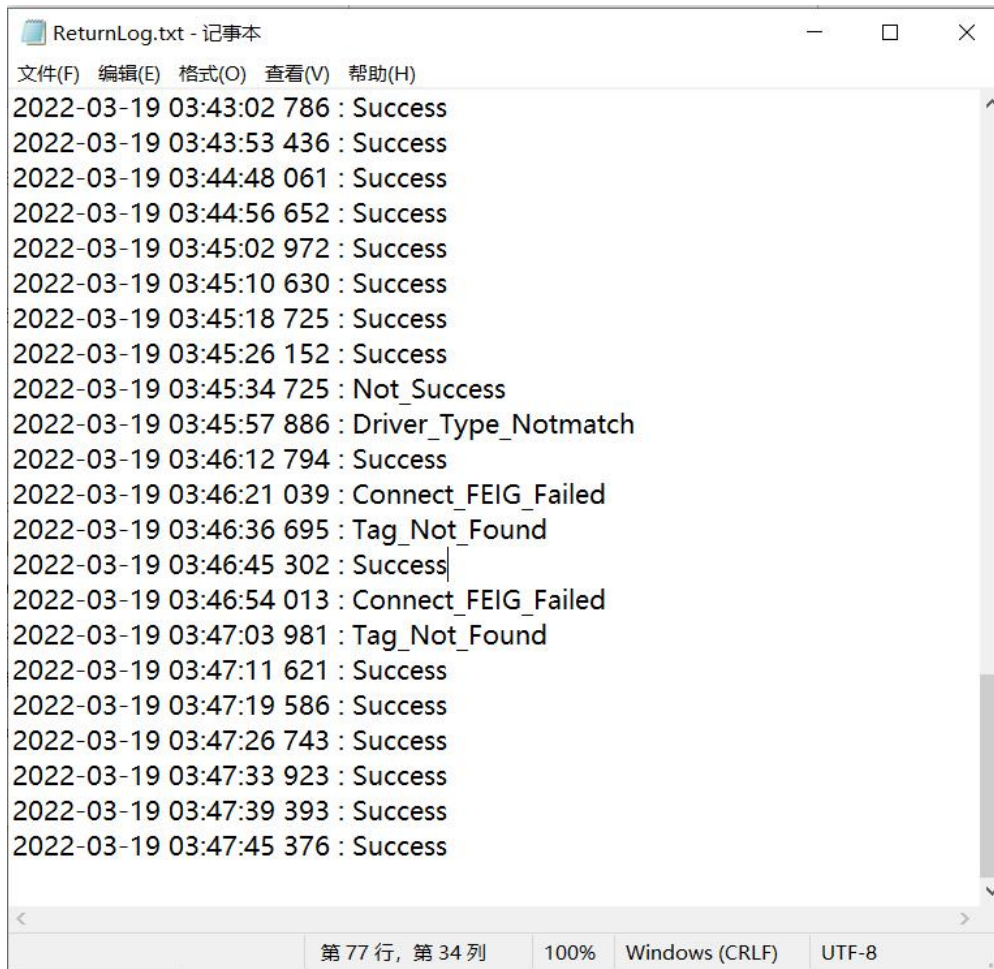
```
public enum FlashReturnResult
{
    Success, //0
    Not_Success, //1
    Incorrect_parameter, //2
    XML_File_Not_Exsit, //3
    Parse_XML_Failed, //4
    Connect_FEIG_Failed, //5
    Tag_Not_Found, //6
    Driver_Type_Notmatch, //7
    Driver_Sub_Type_incorrect, //8
    Parse_AOC_Failed, //9
    AOC_Out_Of_Range, //10
    Parse_ZTV_Failed, //11
    ZTV_Out_Of_Range, //12
    Parse_CLO_Failed, //13
    CLO_Out_Of_Range, //14
    CLO_Timel_Not_Zero, //15
    CLO_Time_Not_Increase, //16
    Parse_DCEmergency_Failed, //17
    DCEmergency_Out_Of_Range, //18
    Parse_LampOnTime_Failed, //19
    LampOnTime_Out_Of_Range, //20
    Parse_DALI_MDL_Failed, //21
    DALI_MDL_Out_Of_Range, //22
    Parse_TunableWhite_Failed, //23
    TunableWhite_Out_Of_Range, //24
    Parse_DALI_Addressing_Failed, //25
    DALI_ShortAddress_Out_Of_Range, //26
    DALI_GroupAddress_Out_Of_Range, //27
    Parse_DALI_Setting_Failed, //28
    DALI_Setting_Out_Of_Range, //29
    Parse_Corridor_Failed, //30
    Corridor_Out_Of_Range, //31
    FEIG_Number_Incorrect //32
};
```

Note:0 means success, 1 means not success,If return message is not 0, please use the info to find cause.

### 3.3 Return message log.

There is a txt file "ReturnLog.txt" in the "C:\Programdata", which log the date time and program result, recode each time run "CU-Power\_CMD\_config\_Multi\_Drivers.exe". It will record the operation results and other information as below.





```

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
2022-03-19 03:43:02 786 : Success
2022-03-19 03:43:53 436 : Success
2022-03-19 03:44:48 061 : Success
2022-03-19 03:44:56 652 : Success
2022-03-19 03:45:02 972 : Success
2022-03-19 03:45:10 630 : Success
2022-03-19 03:45:18 725 : Success
2022-03-19 03:45:26 152 : Success
2022-03-19 03:45:34 725 : Not_Success
2022-03-19 03:45:57 886 : Driver_Type_Notmatch
2022-03-19 03:46:12 794 : Success
2022-03-19 03:46:21 039 : Connect_FEIG_Failed
2022-03-19 03:46:36 695 : Tag_Not_Found
2022-03-19 03:46:45 302 : Success
2022-03-19 03:46:54 013 : Connect_FEIG_Failed
2022-03-19 03:47:03 981 : Tag_Not_Found
2022-03-19 03:47:11 621 : Success
2022-03-19 03:47:19 586 : Success
2022-03-19 03:47:26 743 : Success
2022-03-19 03:47:33 923 : Success
2022-03-19 03:47:39 393 : Success
2022-03-19 03:47:45 376 : Success
第 77 行, 第 34 列 100% Windows (CRLF) UTF-8

```

#### 4. Device type and driver type

Supported driver	Driver_type	Driver_sub_type
XZ-SZ50N	NFC-A	1
ID LCCB 100/230/250-700 NFC FV1	NFC-B	1
ID LCCB 75/230/120-400 NFC FV1	NFC-B	2
ID LCCB 36/230/120-400 NFC FV1	NFC-B	3
ID LCCB 35/230/100-850 NFC FV1	NFC-B	4
ID LCCB 50/230/350-1400 NFC FV1	NFC-B	5
ID LCCB 75/230/700-2000 NFC FV1	NFC-B	6
ID LCCB 100/230/900-2200 NFC FV1	NFC-B	7
ID LCCB 75/230/125-550 NFC FV1	NFC-B	8
ID LCCB 100/230/200-700 NFC FV1	NFC-B	9
ID LCCB 150/230/200-900 NFC FV1	NFC-B	10
ID LCCB 300/230/250-1600 NFC FV1	NFC-B	11
ID SCCI 44/230/300-1050 NFC FV1	NFC-B	12
ID LCCB 100/230/200-700 DALI NFC FV1	DALI-NFC	1
ID LCCB 75/230/050-400 DALI NFC FV1	DALI-NFC	2

ID LCCB 36/230/050-400 DALI NFC FV1	DALI-NFC	3
ID LCCB 150/230/200-900 DALI NFC FV1	DALI-NFC	4
ID LCCB 35/230/100-850 DALI NFC FV1	DALI-NFC	5
ID LCCB 50/230/350-1400 DALI NFC FV1	DALI-NFC	6
ID LCCB 75/230/700-2000 DALI NFC FV1	DALI-NFC	7
ID LCCB 100/230/900-2200 DALI NFC FV1	DALI-NFC	8
ID CCCB 20/230/150-500 DT8 NFC FV1	DALI-NFC	9
ID SCCI 44 230/300-1050 DALI NFC FV1	DALI-NFC	10
ID LCCB 40/230/250-1050 DALI NFC FV1	DALI-NFC	11
ID LCCB 60/230/500-1650 DALI NFC FV1	DALI-NFC	12
ID LCCB 100/230/200-700 DALI NFC IND FV1	DALI-NFC	13
ID LCCB 75/230/125-550 DALI NFC IND FV1	DALI-NFC	14
ID LCCB 300/230/250-1600 DALI NFC IND FV1	DALI-NFC	15
ID CCCB 40/230/150-1050 DALI NFC FV1	DALI-NFC	16
ID CCCB 30/230/350-850 DT8 NFC FV1	DALI-NFC	17
ID CCCB 44/230/500-1050 DT8 NFC FV1	DALI-NFC	18
ID CCCB 40/230/300-1050 BH30 NFC FV1	DALI-NFC	19
ID LCCB 150/230/200-900 DALI NFC IND FV1	DALI-NFC	20
ID LCCB 36/230/075-400 DT8 NFC FV1	DALI-NFC	21
ID LCCB 75/230/150-700 DT8 NFC FV1	DALI-NFC	22
ID LCCB 100/230/200-1050 DT8 NFC FV1	DALI-NFC	23
ID LCCB 75/230/050-400 B NFC FV1	DALI-NFC	24
ID LCCB 36/230/150-1050 DT8 NFC FV1	DALI-NFC	25
ID LCCB 50/230/350-1400 DT8 NFC FV1	DALI-NFC	26
ID LCCB 75/230/500-1800 DT8 NFC FV1	DALI-NFC	27
ID LCCB 100/230/800-2400 DT8 NFC FV1	DALI-NFC	28
ID CCCB 60/230/700-1500 DT8 NFC FV1	DALI-NFC	29

## 5. Matters need attention

(1)When configuring multiple drivers of different models at the same time, multiple USB devices should be connected.

(2)Multiple drivers can be programmed to a single USB device at the same time, but they must be of the same model.





## CUPOWER Europe GmbH

Ahornweg 5a,  
58675 Hemer, Germany  
+49 2372-568-7570  
[dirk@cupower.com](mailto:dirk@cupower.com)

## Shenzhen Xiezheng Electronics Co., Ltd.

Floor 2, Building E, Taohuayuan Smart & Innovation Park,  
Bao'an District, Shenzhen, China  
+86 755-2781-9400  
[sales@cupower.com](mailto:sales@cupower.com)

## Hunan Xiezheng Electronics Co., Ltd.

Building 11, Innovation Park, Linyi Road, Bailutang Town,  
Suxian District, Chenzhou, Hunan, China  
+86 735-265-3770  
[sales@cupower.com](mailto:sales@cupower.com)