

# HANMEGA Firmware Download

Rev. 1.0.0.0

5 September 2022



R&D Center S/W Team

## REVISION HISTORY

Rev.	Date	Page	Description of Change
0.0.1	04 January 2021		Draft Edition
1.0.0.0	5 September 2022		Change to GUI

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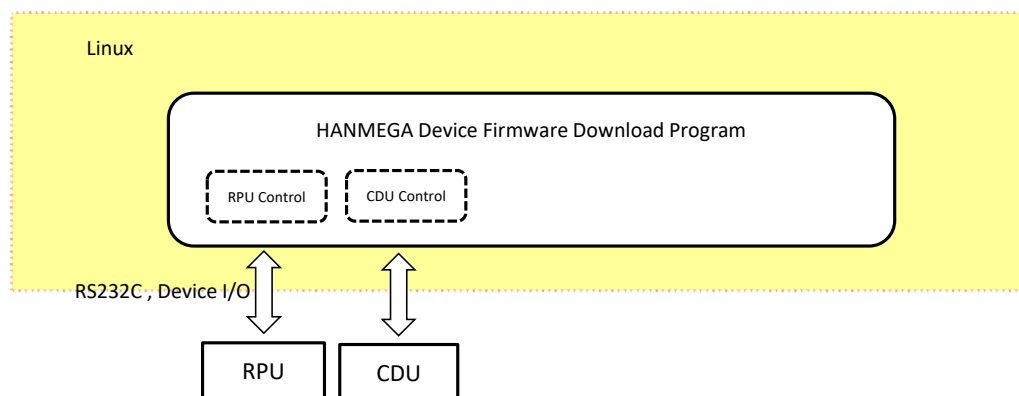
## 1. Introduction

This document describes Device Firmware Download under linux environment.

The Devices applying this manual shall be followings :

- RPU : Receipt Print Unit
- CDU : Cash Dispenser Unit

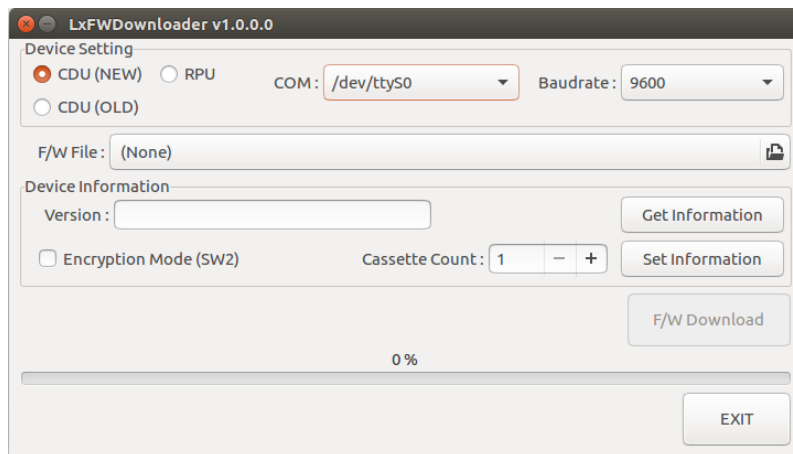
### 1.1 Architecture



### 1.2 File contents

It is automatically installed when installing the libgenmegadevice debian package (v0.7.0 ~).

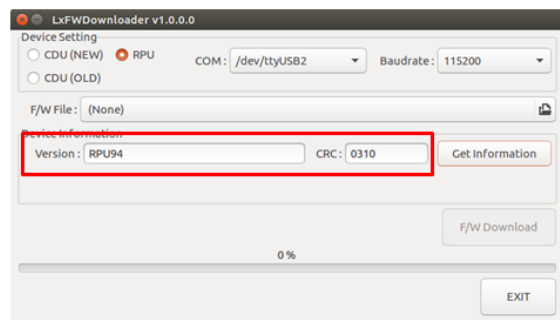
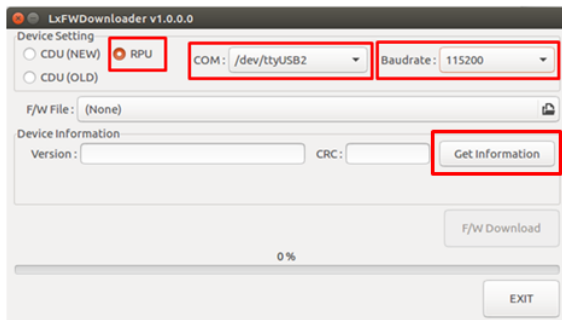
### 1.3 Application Display



## 2. RPU

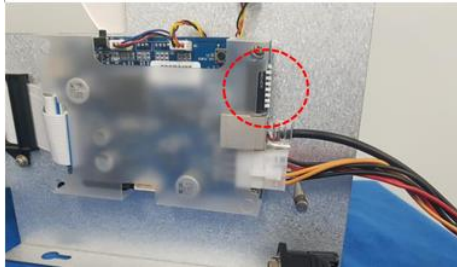
### 2.1 Get F/W Version and CRC

1. Select the RPU radio button.
2. Select the serial port connected with the RPU to COM
3. Select the Baudrate of the RPU.
4. Click the Get Information button



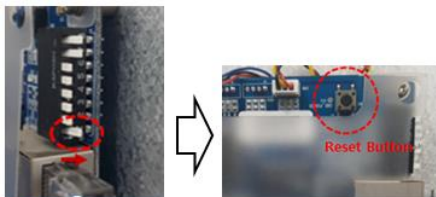
**NOTE:** How to change to DIP switch online mode

- 1) Connect Serial Cable and Power Cable to Receipt Print Unit



- 2) DIP switch online mode

No. 1(SW 1 ON) switch ON -> Press Reset button



DIP switch Baudrate : 115,200 bps ( SW 7 ON, SW 8 OFF)

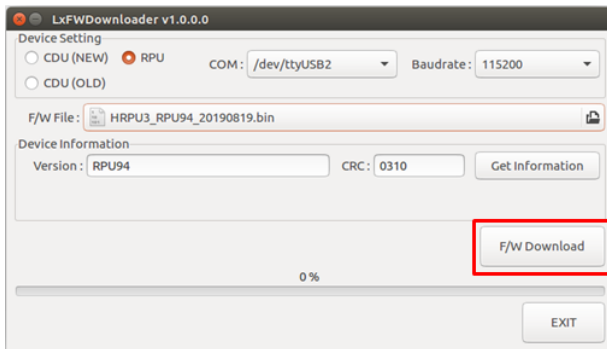
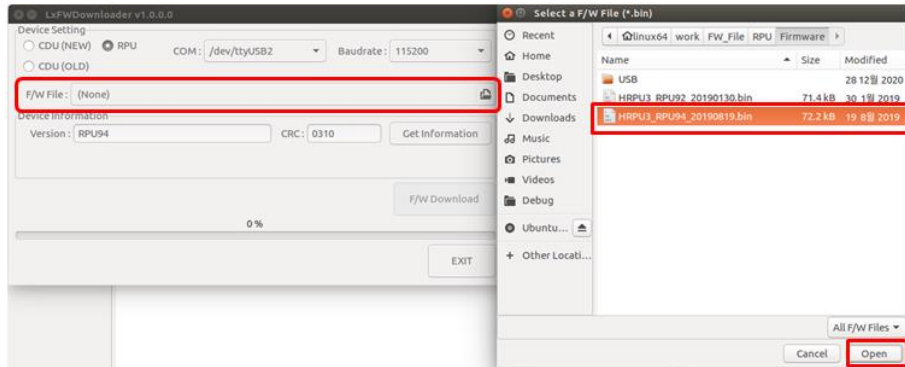


DIP switch Baudrate : 460,800 bps ( SW 7 ON, SW 8 ON)

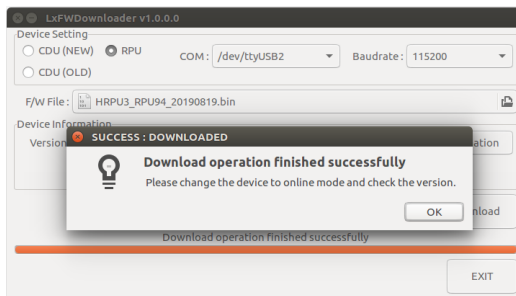
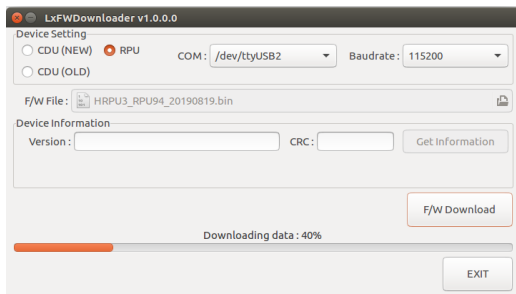


## 2.2 Firmware Download

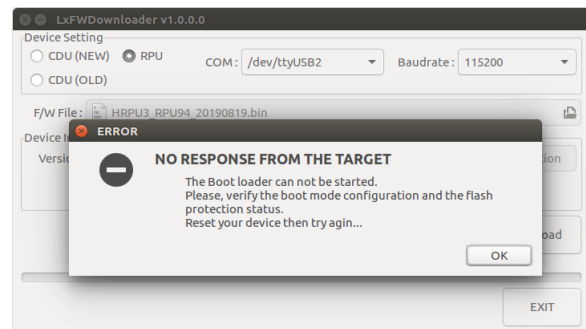
1. Click the file dialog to find and select the desired F/W file.
2. After selecting the F/W file, click the activated F/W Download button to start F/W download.



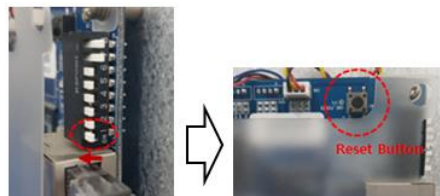
\* Download success \*



\*Download Failed \*



**NOTE:** How to change to DIP switch boot mode(download mode)  
No. 1(SW 1 OFF) switch OFF -> Press Reset button

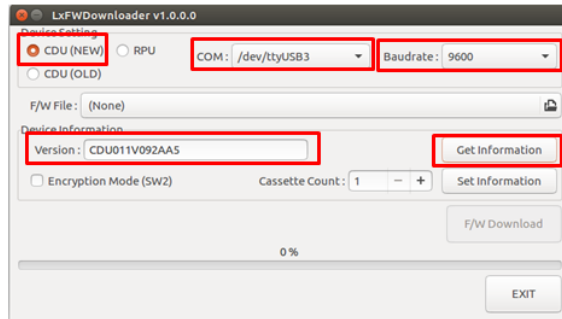


### 3. CDU

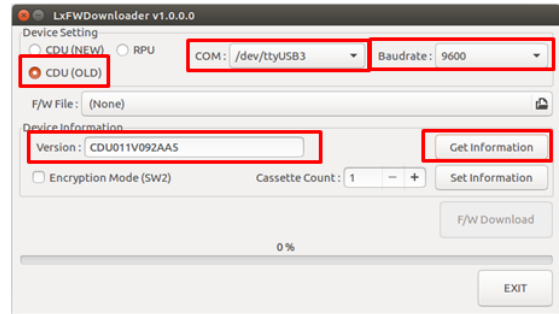
#### 3.1 Get F/W Version and Cassette Number

1. Select the CDU(NEW) or CDU(OLD) radio button.
2. Select the serial port connected with the RPU to COM.
3. Select the Baudrate of the CDU.
4. Click the Get Information button

##### \* CDU(NEW) Get Information



##### \* CDU(OLD) Get Information



**NOTE:** How to change to DIP switch online mode

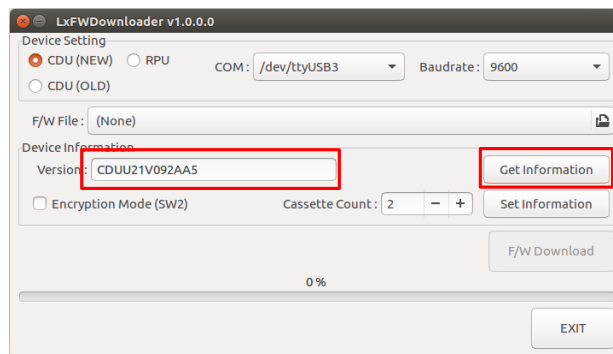
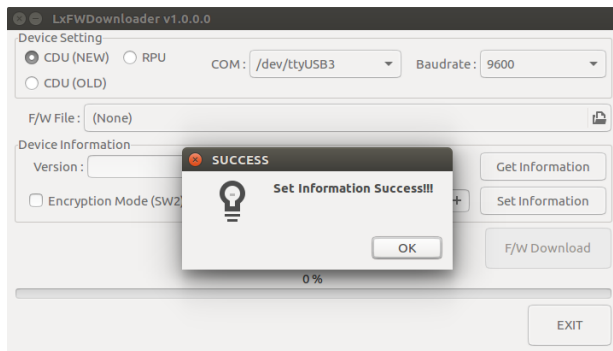
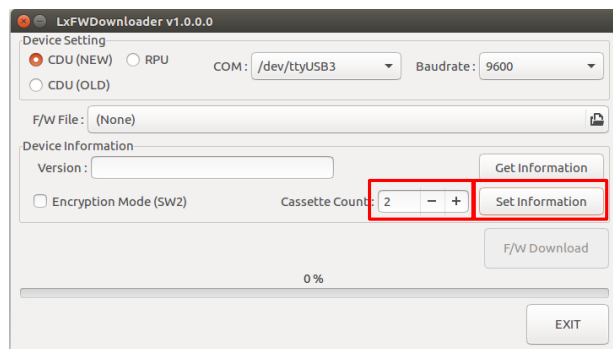
- 1) DIP switch online mode

No. 1,2(SW 1,2 ON) switch ON -> Press Reset button



### 3.2 Set Cassette Number

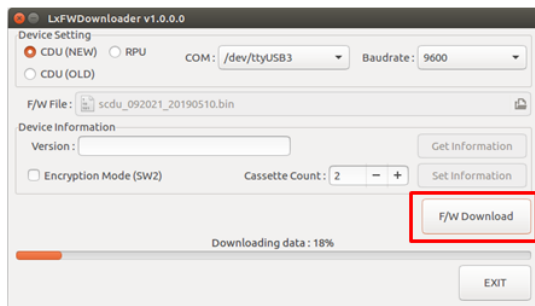
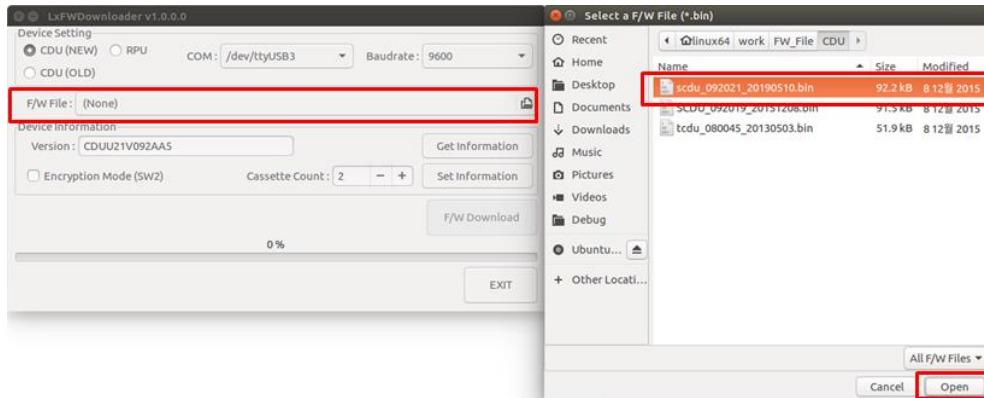
1. Select the number of cassettes. (Select range: 1 to 6)
2. Click the Get Information button
3. After success, click the Get Information button to confirm that the cassette number has been changed in the version.



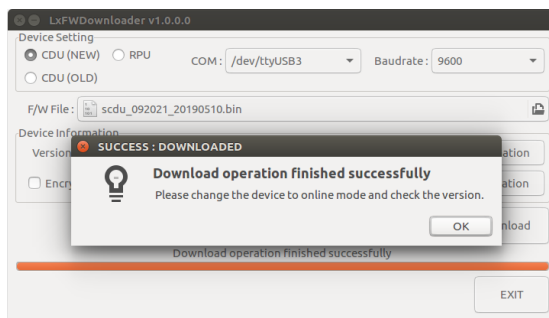


### 3.3 Firmware Download

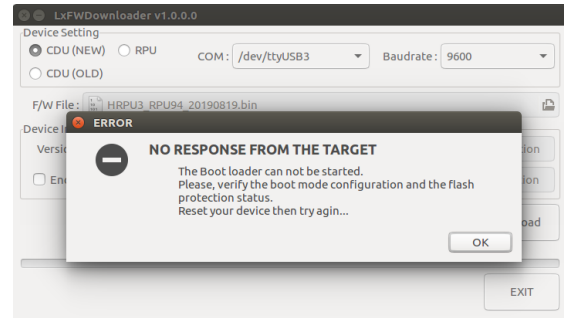
1. Click the file dialog to find and select the desired F/W file.
2. After selecting the F/W file, click the activated F/W Download button to start F/W download.



#### \* Download success \*



#### \*Download Failed \*



#### [CAUTION]

When the firmware download is complete, the number of cassettes is set to 1 by default.

If the current number of CDU cassettes and the number of CDU cassettes in Get F/W Version do not match, the number of CDU cassettes must be changed using Set Cassette Number.

#### NOTE: How to change to DIP switch boot mode (download mode)

No. 1,2,3,4(SW 1,2,3,4 OFF) switch OFF -> Press Reset button

