

## Firmware Upgrade Procedure

1. Save some key parameters in main board, then you will not need to do the calibration and adjustment of the printer. If you do not save the parameters, you should follow the quick start guide to calibrate the printer.

- 1.1. Click "System".



- 1.2. Enter develop mode. Then Click "Print"



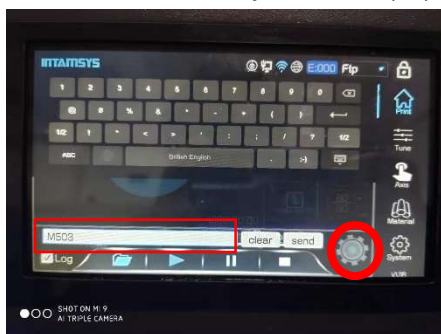
- 1.3. The Log button will appear in the print screen.



1.4. Select “Log”, and select “Enable log” in the pop-up screen.



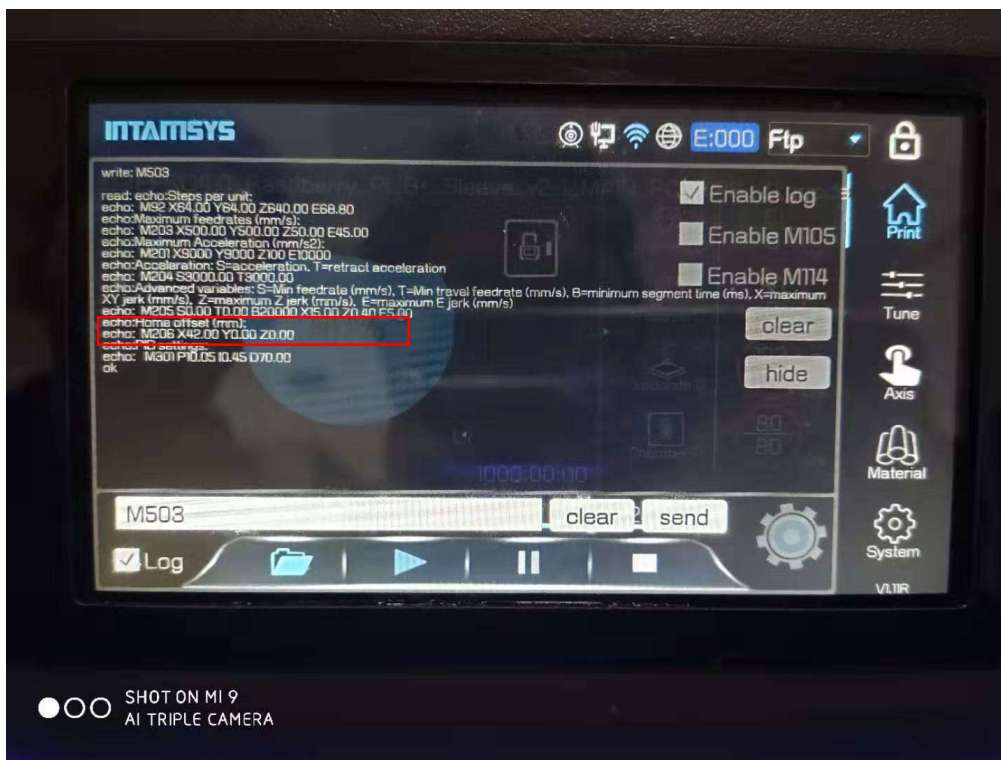
1.5. Click “Set” icon. A keyboard will pop-up, enter “M503” in the command line.



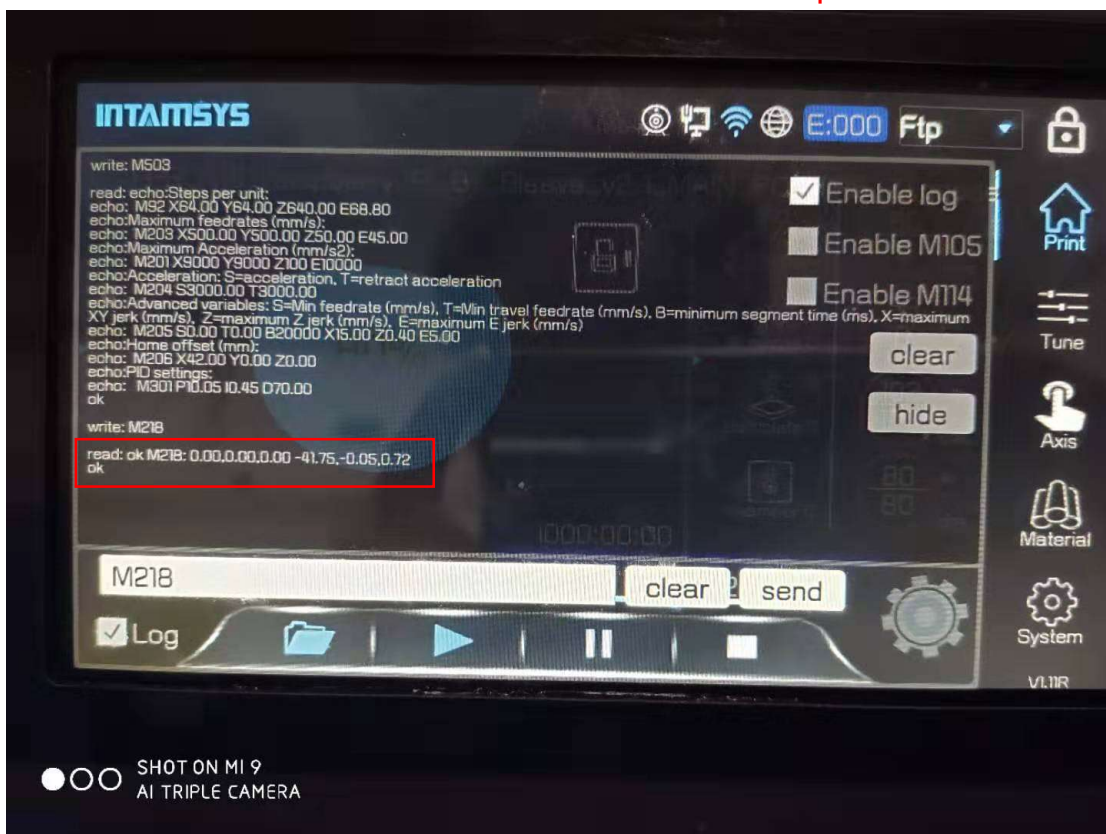
1.6. Close the keyboard and click “send”



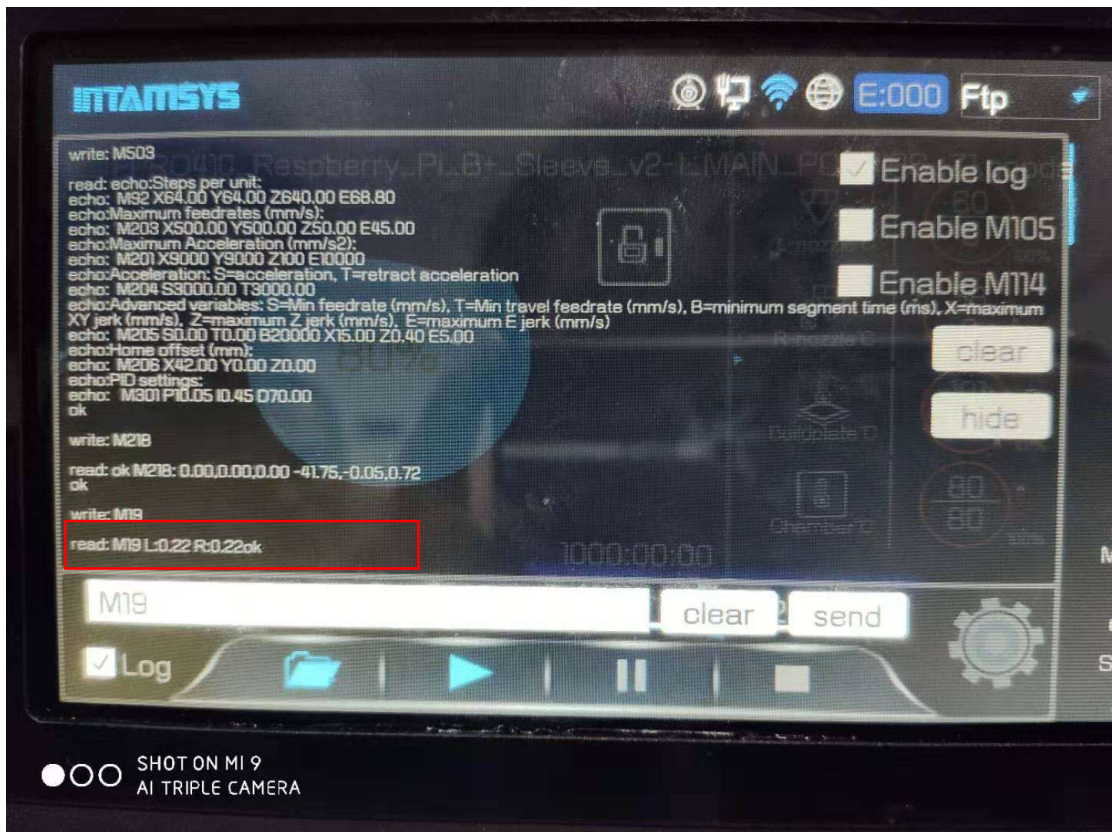
1.7. The log screen will display some parameters. **Take a photo of it**, it should clearly show the value after M206.



1.8. Enter "M218" in the command line and send the command. **Take a photo of it.**

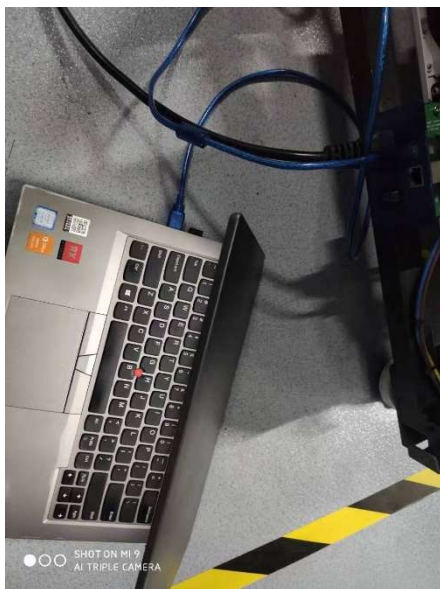


1.9. Enter "M19" in the command line and send the command. **Take a photo of it.**



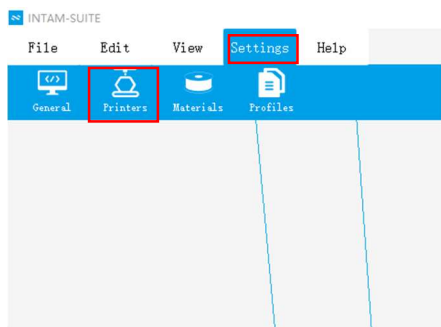
## 2. Upgrade the firmware.

2.1. Connect the USB cable between PC and USB port on rear panel of printer.

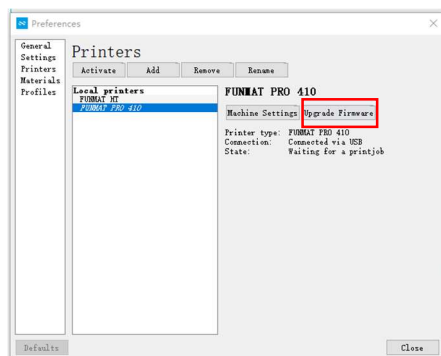




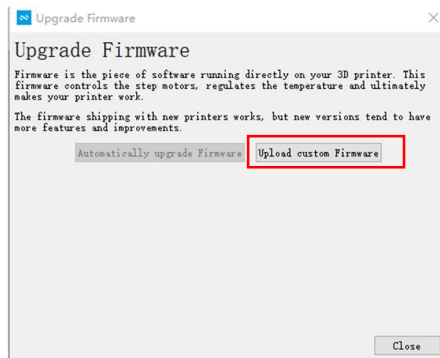
2.2. Open the Intamsuite software. Click “Settings” and then “Printers” in the menu bar.



2.3. Click “Upgarde Firmware”



2.4. Click “Upload custom Firmware”, select the latest version firmware and click OK, the firmware will enter upgrade process. After finish, click “Close”.



### 3. Recovery Parameters in main board.

3.1. Go to the Log screen again, follow step 1.4. , then in the command line, enter “M206 Zxx”.

“xx” is the value you record in step 1.7. Only write the Z value is fine.

3.2. Enter “M218 T1 Xxx Yxx Zxx”, then send the command.

“xx” are the last three values you record in step 1.8.

e.g. according to the values in step 1.8. here should input command “M218 T1 X-41.75 Y-0.05 Z0.72”

3.3. Enter “M19 T0 Sxx”, then send the command.

“xx” is the value you record in step 1.9. Only write the value after “L:”.

3.4. Enter "M19 T1 Sxx", then send the command.

"xx" is the value you record in step 1.9. Only write the value after "R:".

3.5. Enter "M500", then send the command. It will save all parameters you input.

3.6. You can do the step 1.5~1.9. again to double check whether the parameters are write into correctly.