How to use the Micro-USB on the front panel.

We can control the matrix and upgrade the matrix via this port.

Please find a Micro-USB cable, connect to the USB port on the front panel to your windows PC(Laptop/Desktop). It will install the driver aromatically when the matrix connected, please wait for a minute.

Take MX42 as an example,

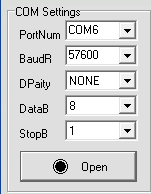




**Upgrade**

Baud Rate=57600bps, Data=8bit, Parity=None, Stop=1bit

Double click the UartAssist.exe. Set the correct parameters and click <Open>



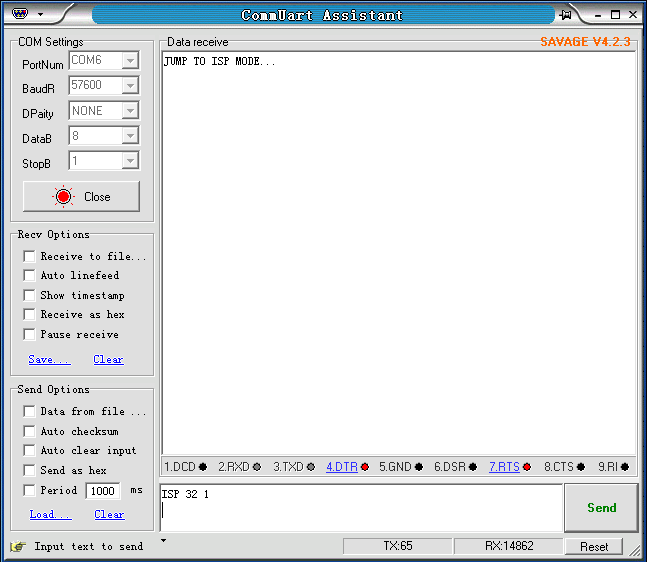
Send a command <ISP 32 1> +Enter, then click <Send> button.



After you sent this command, you will see <JUMP TO ISP MODE...>, and then click <Close>

All LEDs on the matrix will be off.

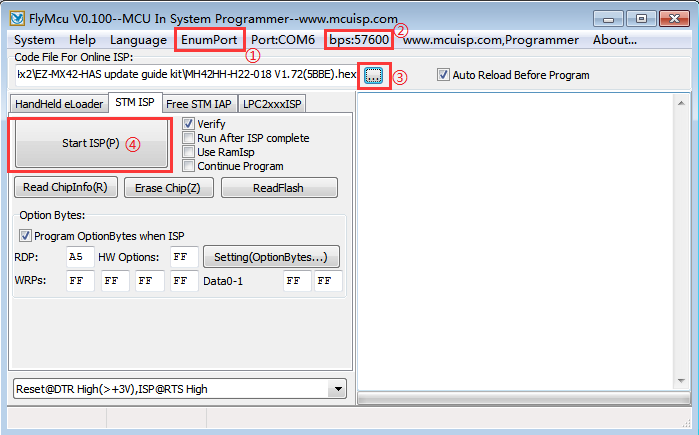
△ DO NOT remove any connection on the matrix at this time.

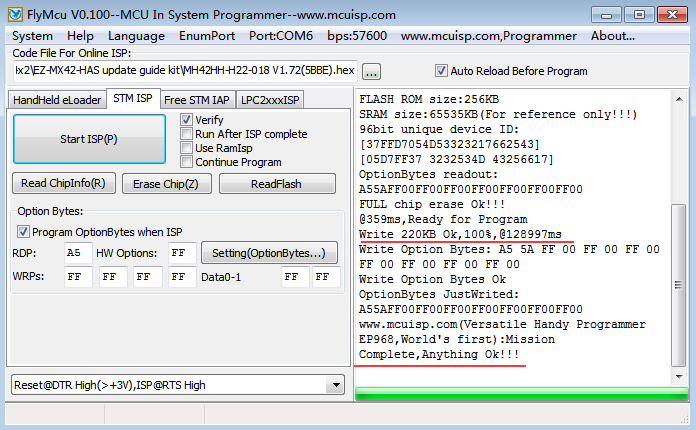


Then, double click the FlyMcu.exe, 

Following as below order:

1. Search the port
2. Select 57600 bps
3. Load the .hex file
4. Start to ISP (update)





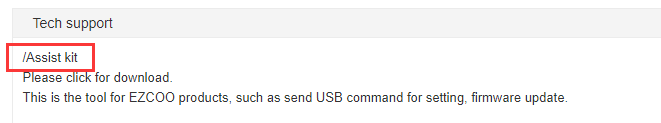
API command via USB port

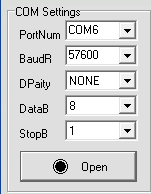
Baud Rate=57600bps, Data=8bit, Parity=None, Stop=1bit

Double click the UartAssist.exe. Set the correct parameters and click <Open>

Please download the tool at

<https://www.easycoolav.com/art/tech-support-a0040.html>





Send <H> + return to get command list.

<SET CAS EN>+ return-------strip out HDCP

SET IN 0 EDID X--------SET EDID

Ex: If you want to set Dolby vision and Atmos, just send <SET IN 0 EDID 31>+ return

Please follow below EDID list X=1---31

H1080P\_2D\_2CH\_PCM,// 1

H1080P\_2D\_6CH, // 2

H1080P\_2D\_8CH,//3

H1080P\_3D\_2CH\_PCM, //4

H1080P\_3D\_6CH, // 5

H1080P\_3D\_8CH, //6

H4K30Hz\_3D\_2CH\_PCM, //7

H4K30Hz\_3D\_6CH , //8

H4K30Hz\_3D\_8CH , //9

H4K60Hz\_Y420\_3D\_2CH\_PCM, // 10

H4K60Hz\_Y420\_3D\_6CH, //11

H4K60Hz\_Y420\_3D\_8CH, // 12

H4K60HZ\_3D\_2CH, //13

H4K60HZ\_3D\_6CH,// 14

H4K60HZ\_3D\_8CH,//15

H1080P\_2D\_2CH\_PCM\_HDR, // 16

H1080P\_2D\_6CH\_HDR, // 17

H1080P\_2D\_8CH\_HDR, //18

H1080P\_3D\_2CH\_PCM\_HDR, //19

H1080P\_3D\_6CH\_HDR ,//20

H1080P\_3D\_8CH\_HDR ,//21

H4K30Hz\_3D\_2CH\_PCM\_HDR, //22

H4K30Hz\_3D\_6CH\_HDR, //23

H4K30Hz\_3D\_8CH\_HDR, //24

H4K60Hz\_Y420\_3D\_2CH\_PCM\_HDR //25

H4K60Hz\_Y420\_3D\_6CH\_HDR, //26

H4K60Hz\_Y420\_3D\_8CH\_HDR,//27

H4K60HZ\_3D\_2CH\_HDR,//28

H4K60HZ\_3D\_6CH\_HDR,//29

H4K60HZ\_3D\_8CH\_HDR,//30

H4K60\_Dolby\_Vision\_Atmos, //31