VENUS X1

Upgrade Guidance

Training Dept.

Version：V1.2

Xiamen RGBlink Science & Technology Co., LED.			
File name：	VENUS X1 Upgrade Instuction	File type：	Upgrade Instruction
File num：	RGB-TP-UG201702001	Version：	V1.2
Execute Dept:	Training Dept.	Date：	2017-02-27
Acpt Dept：	■R&D ■Market ■Sales ■Shenzhen		

Document revision / Change record

Date	Revisor	Vesion	Page	Content	Note
2016.09.01	Tu	V1.0	23	Formulation（new）	Trial
2016.10.26	Tu	V1.1	41	1、Revise the formulation 2、Add the LAN upgrade guidance 3、Add the attention	Trial
2017.03.28	Tu	V1.2	21	Upgrade with the XTOOL	Tria

Upgrade Tool：

1.XTOOL software.

2. USB cable(A convert B),the picture showing as below:



Manual：

1、VENUS X1 communicatin board have upgrade with 3rd Generation：

（1）Communication board with Wireless port（“Red Riding Hood”）is the 2nd Generation（as 1）；
（2）Communication board with RS232 port is the 1st Generation (as 2）or the 3rd Generation （as 3）；



Figure 1 2nd G



Figure 2 1st G



Figure 3 3rd G

2、Upgrade package Choice：

(1)The 1st Generation communication board is corresponding to “X1 upgrade package_100M version V1.1”;
(2)The 2nd & 3rd Generation communication board is corresponding to “X1 upgrade package_100M version V1.2”;

How to identify the generations of VENUS X1 communication board ：

Method 1：Power on the equipment, there have two identification methods as followiing：

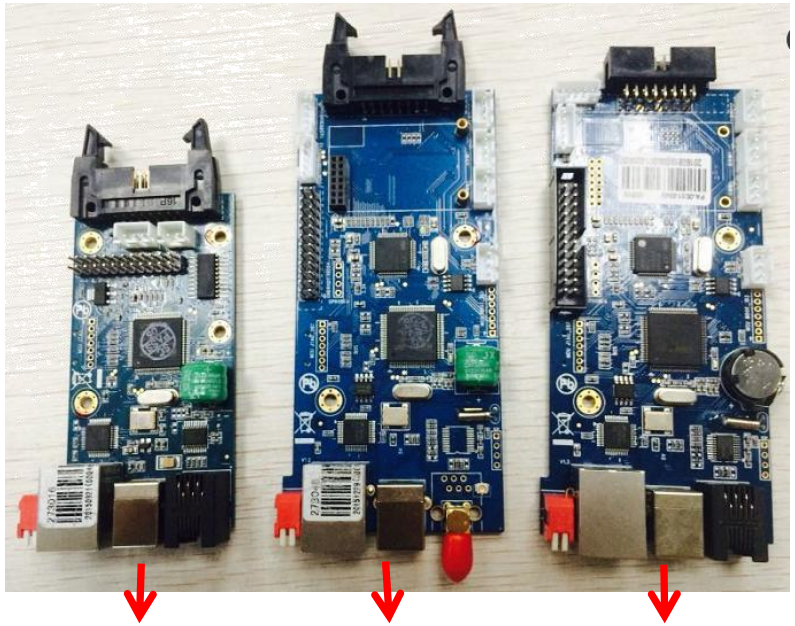
（1）Through the LCD screen shows the communication board software version number: software version for the first generation of the SV1.-- communications board, the software version for the second or third generation SV2.-- communications board.

（2）【MENU】⟶ “system ”⟶“version No.”view “firmware No.”：the fireware version number "1.1", is the first generation communication board, version number "1.2", the second or third generation communication board.。

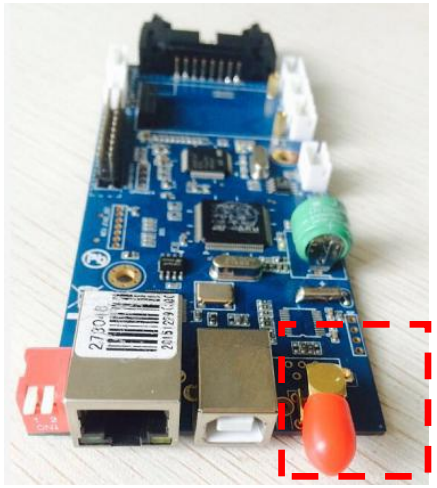
Method 2：Power off the equipment, there have two identification methods as followiing：

（1）Communication board with " Red Riding Hood", it is the second generation;

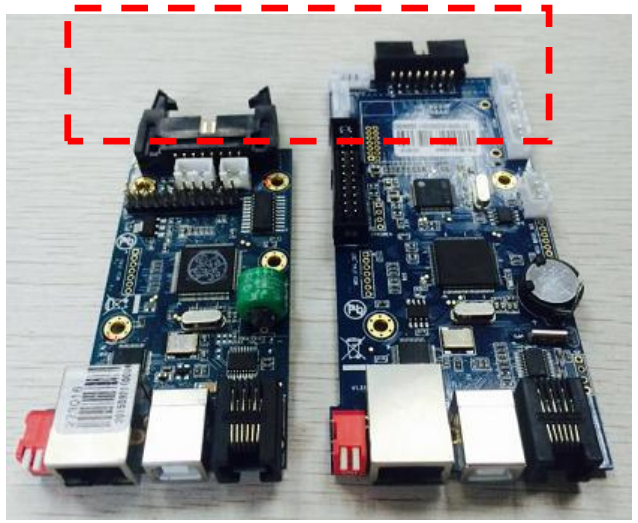
（2）Open the device , view the communication board: "short" of the communication board for the first generation, "long" of the communication board for the third generation (as shown below);



1st G　　2nd G　　3rd G



With the “Red Riding Hood” is 2nd Geration



“short” is the first gerneration
“long ”is the third gerneration

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VENUS X Upgrade

VENUS X1 Upgrade Instructions：

Step1：Connect the device to PC

1： Use the USB cable (A to B) (Figure 1) to connect the USB port to the USB port in the "CONT" area of the VENUS X1 back panel;

2： With USB cable to RS232 serial cable (Figure 2) to connect the computer's USB port and VENUS X1 communication board port to connect,

As the photo shown:



Figure1 USBcable
（A to B）



Figure2 USB to RS232 cable

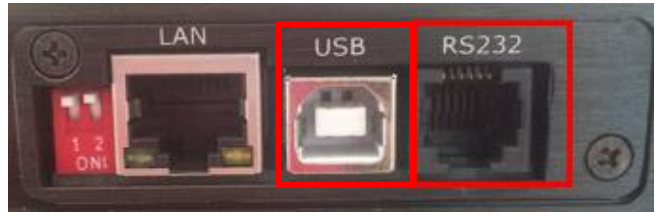


Figure3 CONT area

VENUS X1 Upgrade

Step2： Turn on the device.

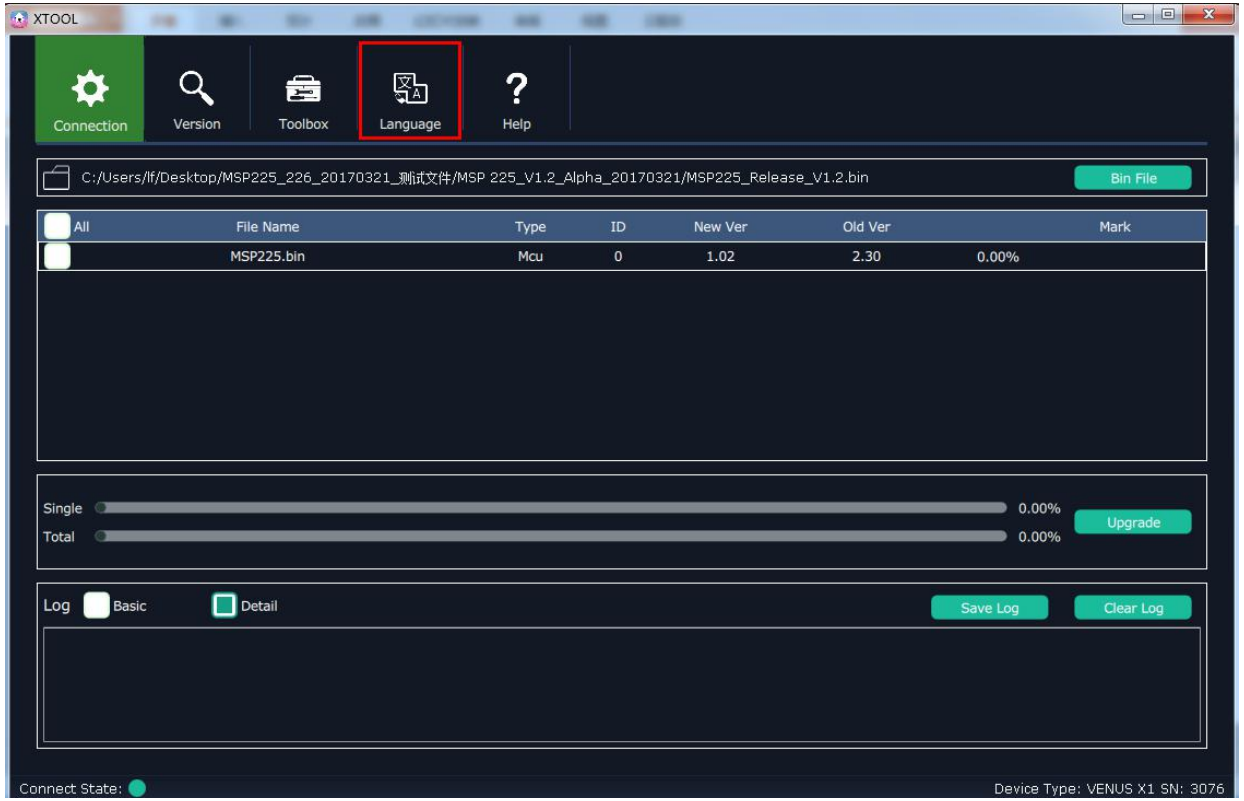
Please remove all the inputs when do upgrade.



VENUS X1 Upgrade

Step3：Open XTOOL

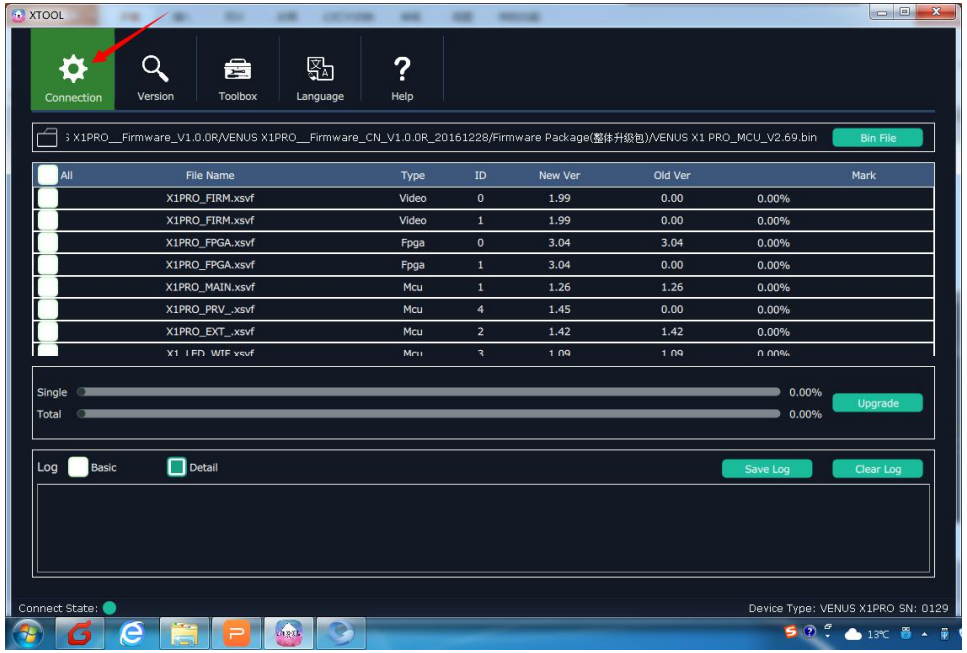
Open XTOOL. Click “语言” to switch the language.

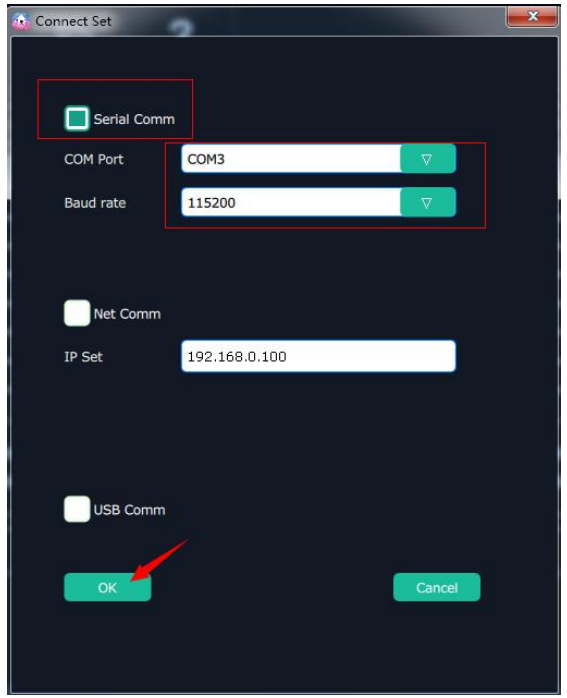


VENUS X1 Upgrade

Step4 Communication setting

If you use the USB connection: click connection in the connect set dialog box, select Serial Comm select the corresponding serial number, Baudrate is set to "115200", click "OK".

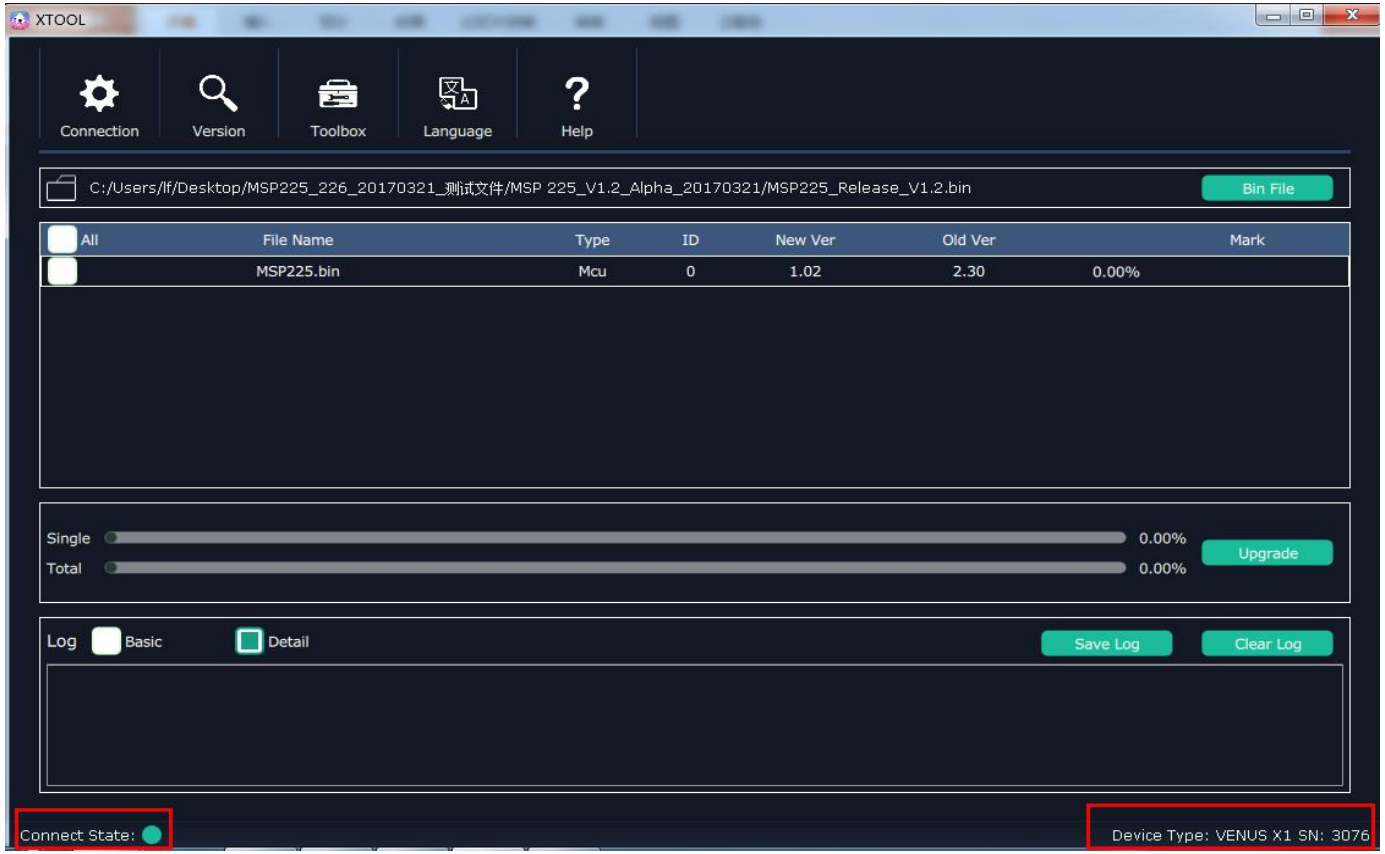




Remark: If the serial number is not recognized, check whether there is a USB serial port driver. For details, see "Notice."

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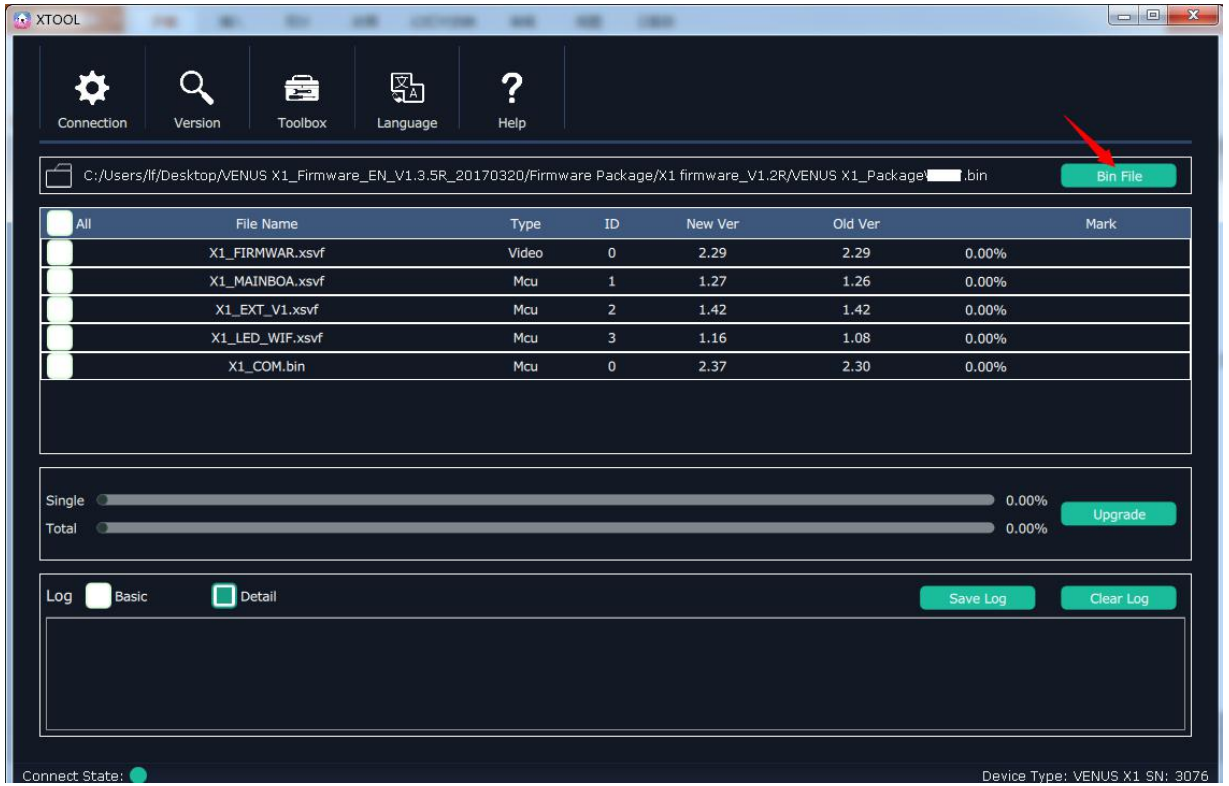
After the setting, check the connection status (the connection status is blue means OK, red means the connection failed). The Bottom corner can read the device type and SN number.



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Step5:Select the *bin file in the upgrade package

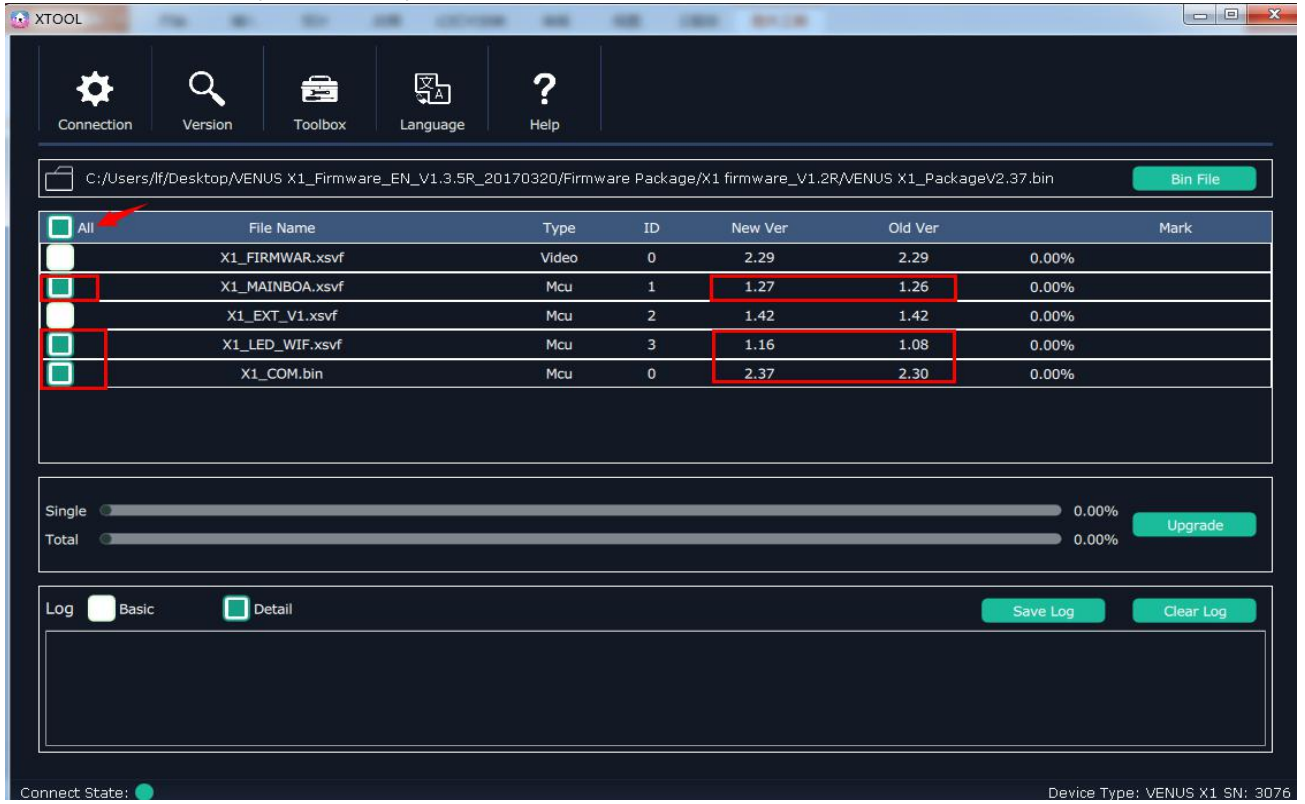
Click "Select File" to select the .bin file in the "Upgrade Files" folder of the upgrade package.



VENUS X1 Upgrade

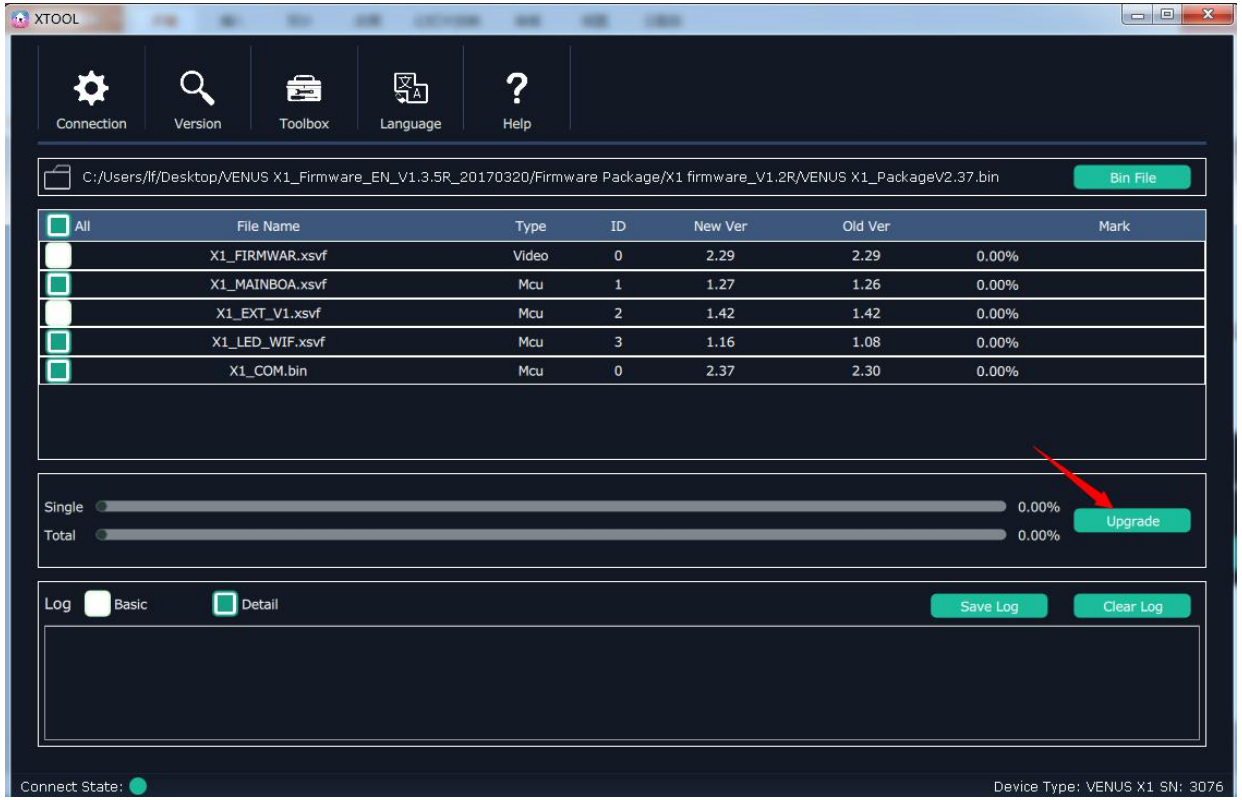
Step6:Select the upgrade program

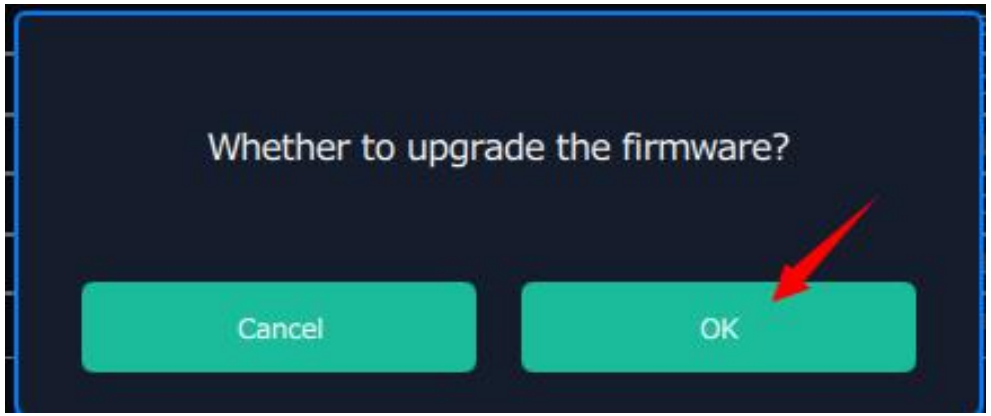
（1）Click“all”，XTOOL will compare the version number and the subroutine version number of the package automatically. Only the items with different version number will be choosen.



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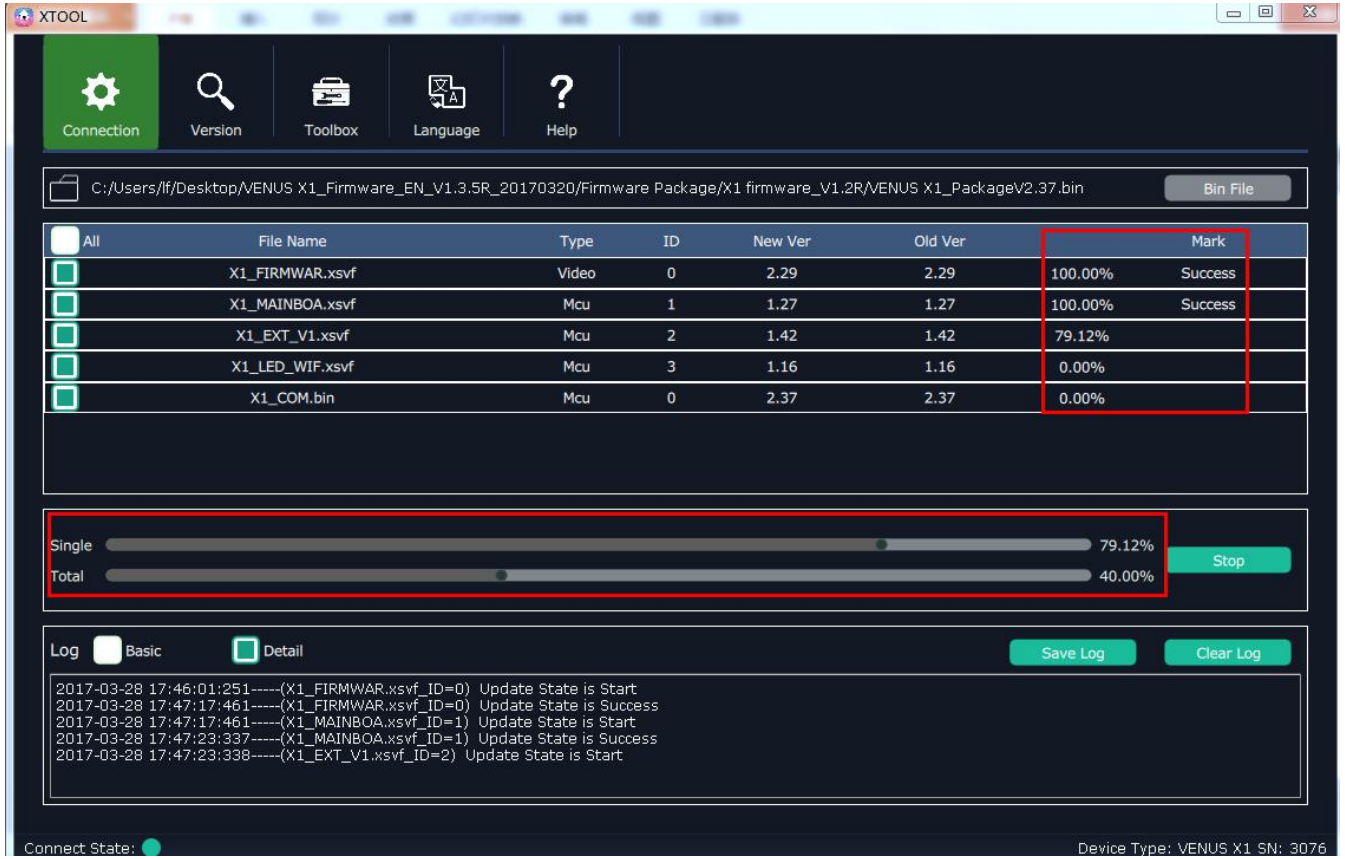
（2）Click "upgrade", and it will pop-up "whether to upgrade firmware" dialog box, click "OK" to upgrade:





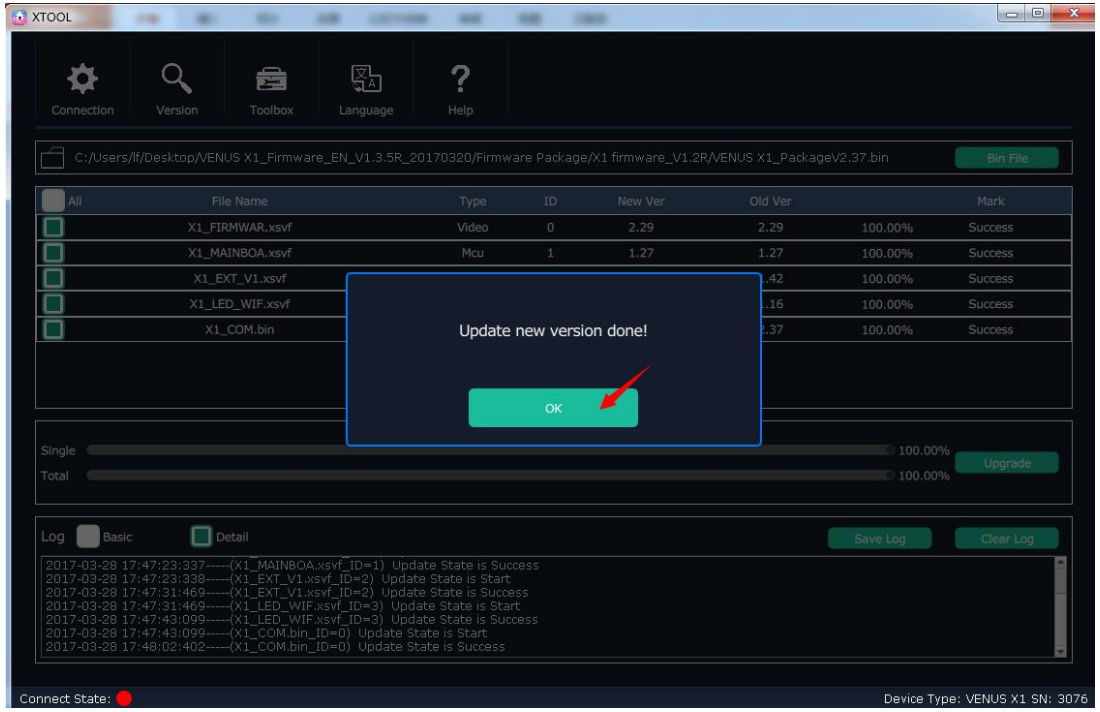
VENUS X1 Upgrade

（3）Check the upgrade progress by scroll bar，you can press the "stop" to stop the upgrade.



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（4）After the upgrade is completed, the “New Version Upgrade Complete ”dialog box will pop out. At the same time, the device will emit a "buzz" sound. When it stop, the device will be restarted.





OLED Screen of the Front Panel

（5）Press”OK”,restart the device.

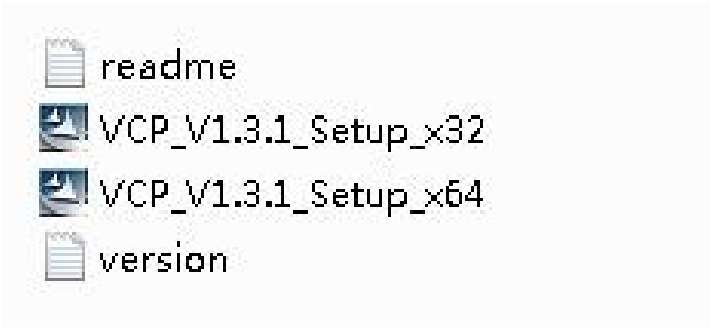
Attention

If the serial port can't be recognized, check whether the USB serial port driver installed or not. USB drive installation operations as followe:

According to the computer system type.Before installing, check the system type of the computer and select the corresponding USB driver folder of the upgrade tool software.

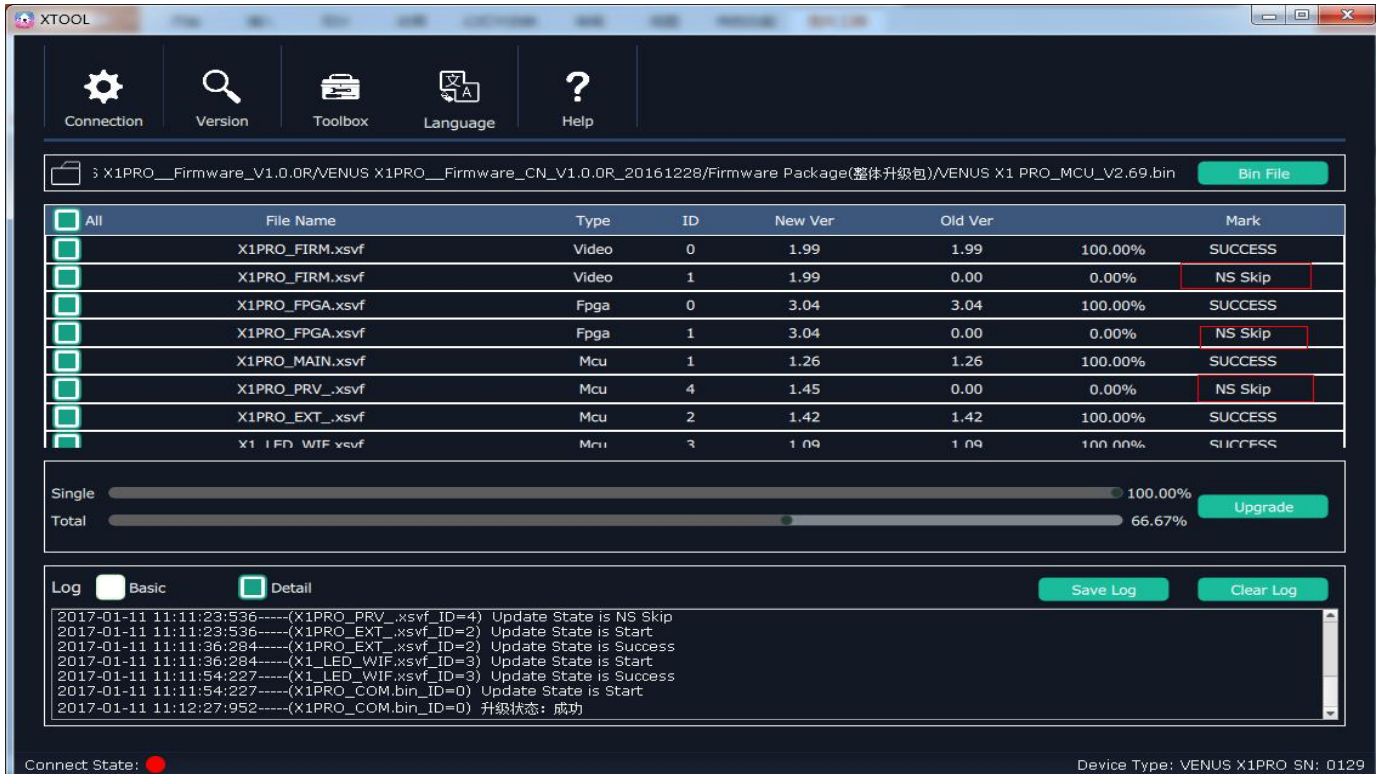
32bits：CP_V1.3.1_Setup_x32

64bits：CP_V1.3.1_Setup_x64



Attention

（2）The package contains optional module and wireless module, if there is no optional module, or a wireless WIFI version, the item will show "skipped".



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