

# Updating Instruction -PWS2-30K PlatformTools

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# CONTENTS

1. Firmware and Platformtools
2. Connect with the Ethernet cable
3. Modify IP address of computer

## IMPORTANT NOTICE

4. File names of the firmware
5. Firmware update

# 1. Firmware and Platformtools

## Platformtools:

[http://sinexcel.us/wiki/doku.php?id=manual:pws2-30k:pws2\\_30k\\_plarformtools&rev=1652757357](http://sinexcel.us/wiki/doku.php?id=manual:pws2-30k:pws2_30k_plarformtools&rev=1652757357)

## Firmware:

[http://sinexcel.us/wiki/doku.php?id=manual:pws2-30k:download\\_firmware\\_for\\_pws2-30k\\_m](http://sinexcel.us/wiki/doku.php?id=manual:pws2-30k:download_firmware_for_pws2-30k_m)

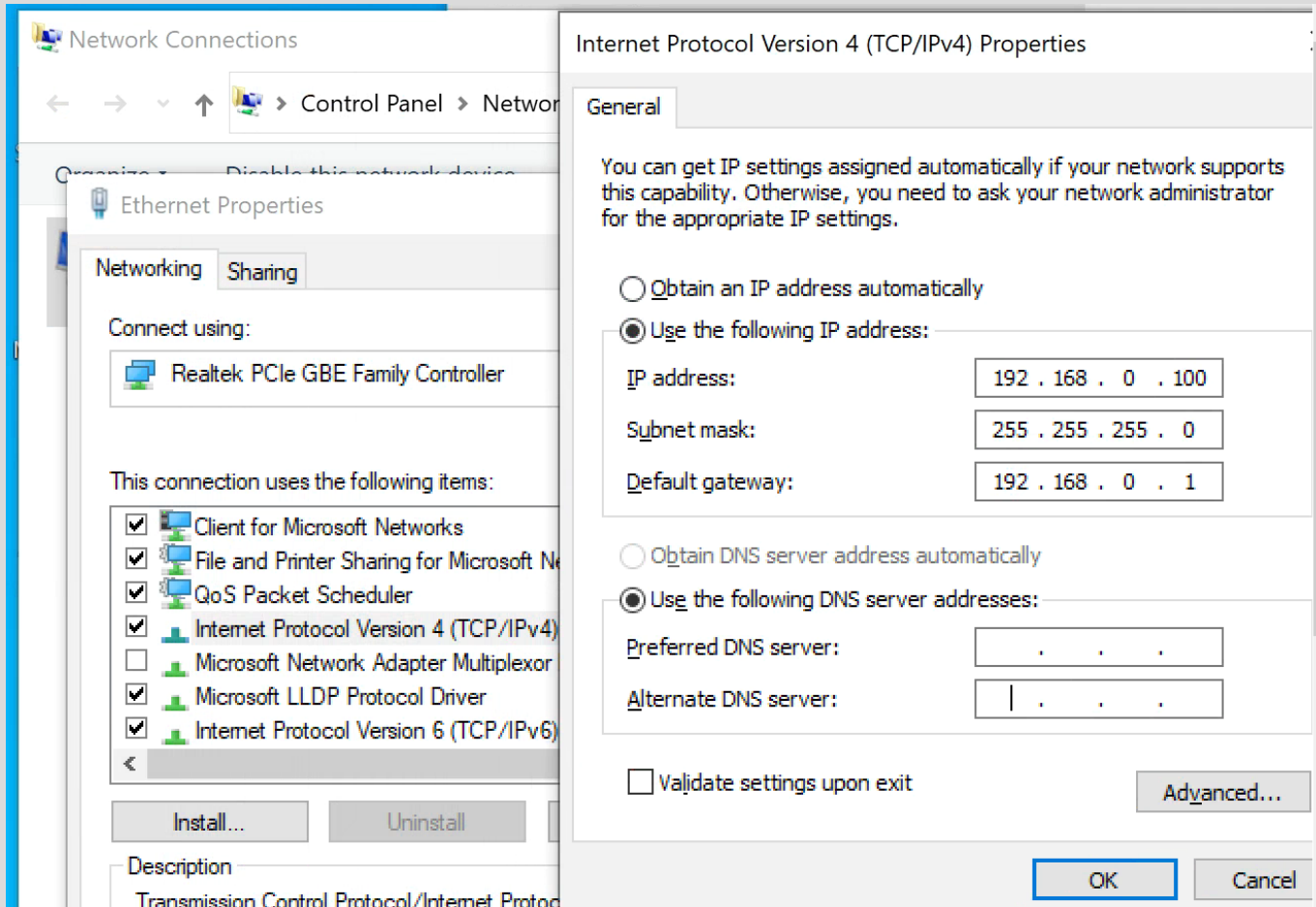
## 2. Connect with the Ethernet cable

- Use an Ethernet cable to connect to the RJ45 port of the PCS, and the other end to the RJ45 port of computer. (If the computer does not have an RJ45 port, it can be connected through a transfer device)



### 3. Modify IP address of computer

- Select the start menu on the desktop → Open the control panel → Select Network and Internet Settings → Select Network and Sharing Center → Select Change adapter settings → Click on Ethernet, then right-click and select Properties → Double click on "Internet Protocol Version 4 (TCP/IPv4)" → Select Use the following IP address option, then modify the computer's IP address/subnet mask/default gateway.
- The default IP address of PCS is 192.168.1.11, so it is necessary to set the IP address of the computer to 192.168.1.x. The principle is to keep the PCS and the computer in the same network segment.





## IMPORTANT NOTICE

99% of the failures to update are caused by these issues.

- Not setting the PCS and the PC to the same subnet
- **Not turning off the firewall**
- Not connecting the PC to the PCS directly but via ethernet switch
- **Not disabling unnecessary adapters, including the WIFI**

## 4. File names of the firmware

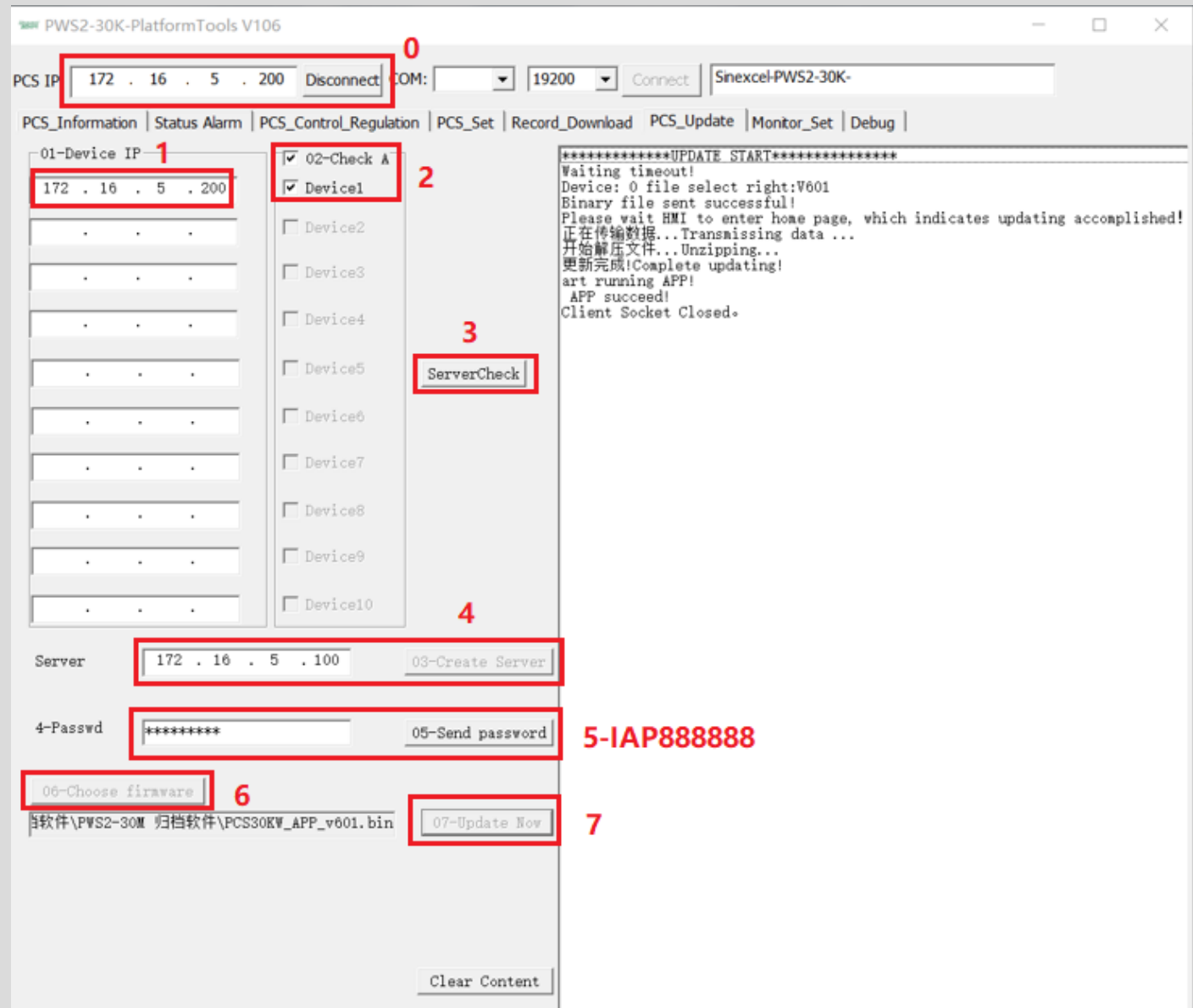
File name	Indicates		Symbol
APP.bin	HMI firmware	ST chip	S
		GD chip	
U1.hex	DSP firmware		D
DWIN_SET.zip	HMI display		C

Updating the bottom firmware of the HMI doesn't request a hard reboot.  
It's recommended to update the HMI bottom firmware before updating the DSP firmware.



# 5. Firmware update

- Run PWS2\_30K\_PlatformTools.exe. If Windows firewall appears, please **DO NOT** block the app. Otherwise there will be unpredictable connection problem.
- Enter the IP address of PCS in PCS IP (default is 192.168.1.11), then click connect.
- Switch to the *PCS Update* page to update the PCS firmware as follows.
- Enter the address of the PCS in 01-Device IP. If there are multiple PCSs to be updated at the same time, enter the IP addresses of other PCSs in the remaining boxes. Only 10 PCSs can be updated at a time.
- Click 02-Check All
- Click ServerCheck to confirm the sever address is the same as computer IP address, and there should be only one server.
- Click 03-Create Server.
- Enter the **password IAP888888** in the 04-Passwd.
- Click 05-Send password.
- After the process on the right blank shows that the IP join, click 06-Choose firmware to select the file that needs to be updated
- After confirming the file is correct and uploaded successfully, click 07-Update Now to start the update



Please always pay attention to the process on the right blank, and restart the PCS after “APP succeed” shows. After confirming that the PCS firmware version is correct, the update is completed. If the update fails, please contact Sinexcel team asap. [esms-aftersales@sinexcel.us](mailto:esms-aftersales@sinexcel.us)



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