G-451x Series

4G Power Saving PAC with Solar charger

Table of Contents

Important Information

Warranty

All products manufactured by ICP DAS are under warranty regarding defective materials for a period of one year, beginning from the date of delivery to the original purchaser.

Warning

ICP DAS assumes no liability for any damage resulting from the use of this product.ICP DAS reserves the right to change this manual at any time without notice. The information furnished by ICP DAS is believed to be accurate and reliable. However, no responsibility is assumed by ICP DAS for its use, not for any infringements of patents or other rights of third parties resulting from its use.

Copyright

Copyright @ 2021 by ICP DAS Co., Ltd. All rights are reserved.

Trademark

Names are used for identification purpose only and may be registered trademarks of their respective companies.

Contact us

If you have any problem, please feel free to contact us. You can count on us for quick response.
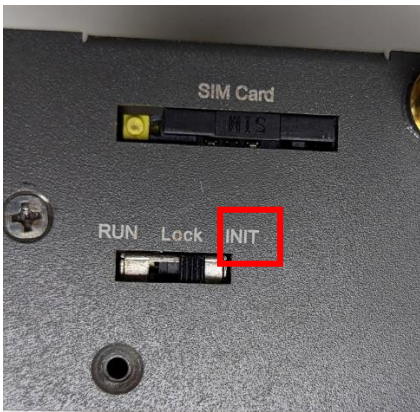
Email: service@icpdas.com

1. FAQ

Q01: G-451x Series How to upload files?

A01:Below are two uploading methods and detailed steps for your reference.

Method 1 : Use 7188.exe to upload the program.

Step1: Ensure that the device switch is moved to INIT.

Step2: Connect G-451x and PC using RS-232

※ If your computer lacks an RS-232 port, you can purchase an RS-232 to USB adapter.

Step3: Open the 7188.exe

7188xw.exe

Step4: Successful opening will display the COM port and uP-4500 that you have configured.

※ If pressing Enter doesn't display >uP-4500, it may be due to the incorrect COM port you've selected. Please check the Port Number used by RS-232 in the Device Manager.

Step5: When 'uP-4500 >' appears, please enter 'load'.

Step6: Press ALT + E to download file!

Step7: Input the file name, for GPS demo as an example, please input "gps.exe".

```
Input filename:gps.exe
Load file:gps.exe[crc=ED3A,0000]
Send file info. total 179 blocks
Block 179
Transfer time is: 8.094000 seconds
```

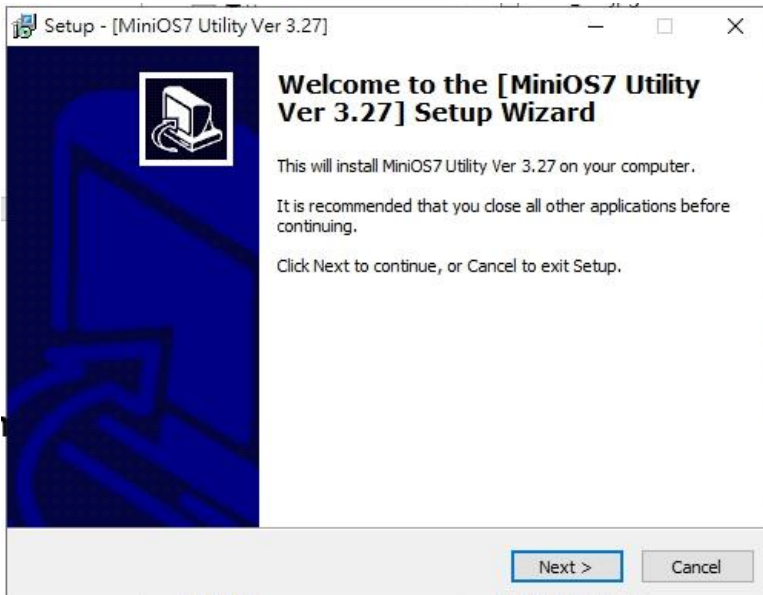Step8: Enter 'RUN' to execute the test program.

※Enter "q" to exit the program.

```
uP-4500>run
G4500.Lib vesion 2.0D, Date:May 05 2015

************************************
|                                  |
|       GPS Demo for G-4500P       |
|                                  |
************************************
$GPRMC,,V,,,,,,,,,,N*53
$GPVTG,,,,,,,,,N*30
$GPGGA,,,,,,0,00,99.99,,,,,,*48
$GPGSA,A,1,,,,,,,,,,,,,,99.99,99.99,99.99*30
$GPGSV,1,1,02,18,,,21,22,,,19*79
$GPGLL,,,,,,V,N*64
$GPRMC,,V,,,,,,,,,,N*53
$GPVTG,,,,,,,,,N*30
$GPGGA,,,,,,0,00,99.99,,,,,,*48
$GPGSA,A,1,,,,,,,,,,,,,,99.99,99.99,99.99*30
$GPGSV,1,1,03,18,,,21,22,,,17,26,,,25*75
$GPGLL,,,,,,V,N*64
$GPRMC,,V,,,,,,,,,,N*53
$GPVTG,,,,,,,,,N*30
$GPGGA,,,,,,0,00,99.99,,,,,,*48
```
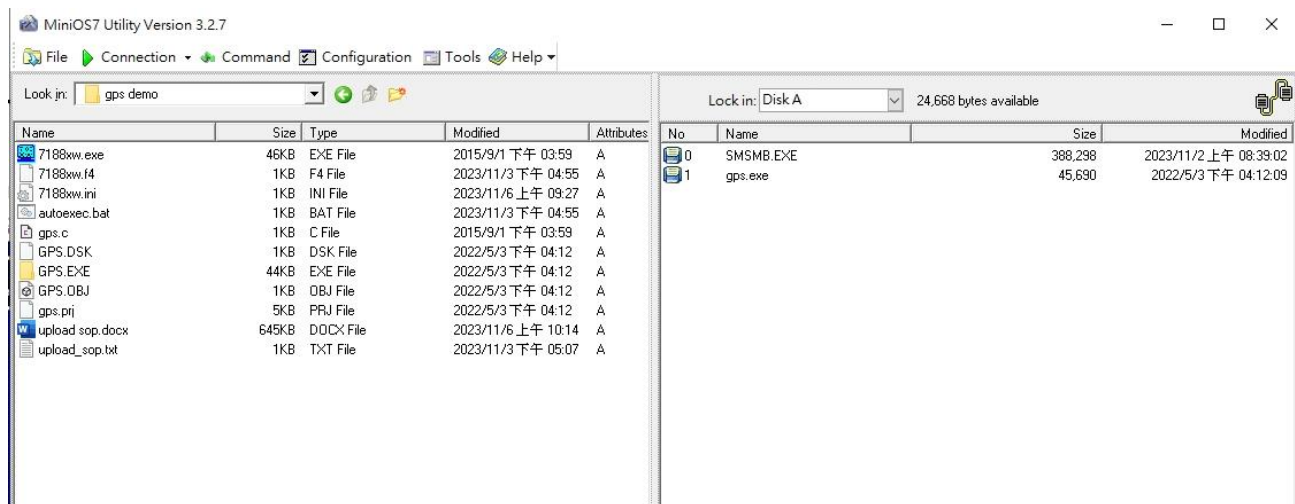
Method 2：Use MiniOS7 Utility to upload the program.

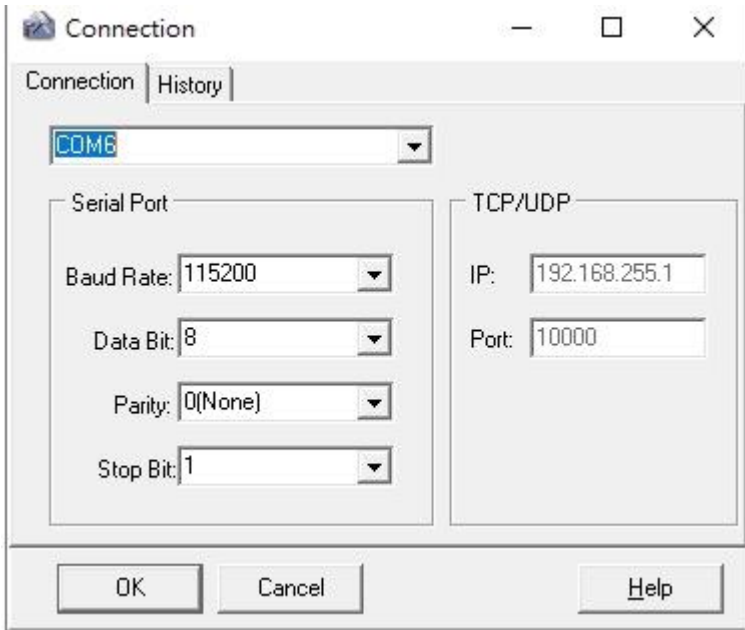Step1: Please go to the link to download MiniOS7_Utility_V327.exe first.
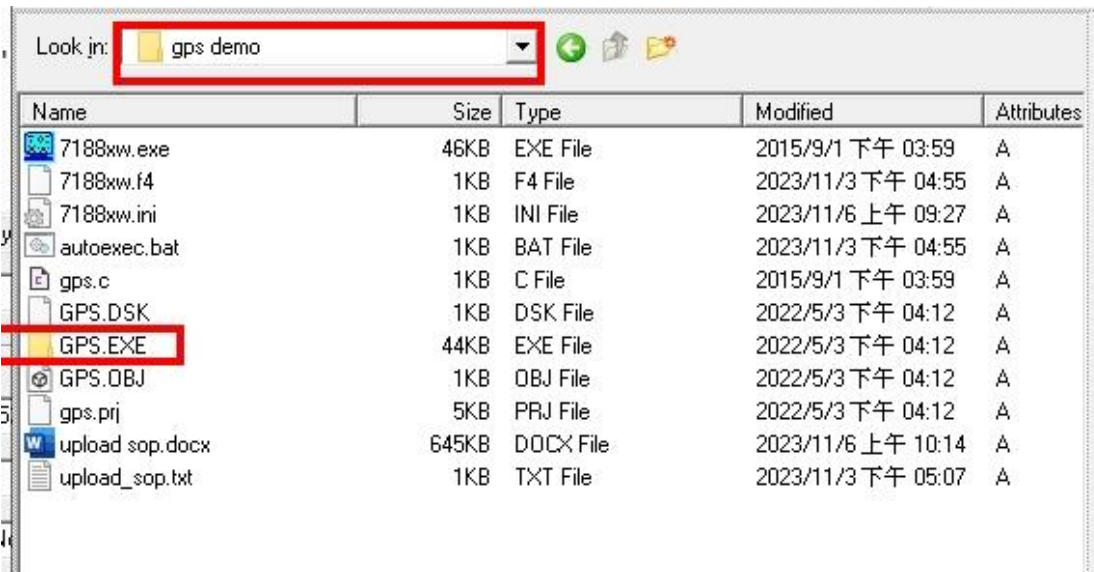
Step2: Please follow the steps for installation.
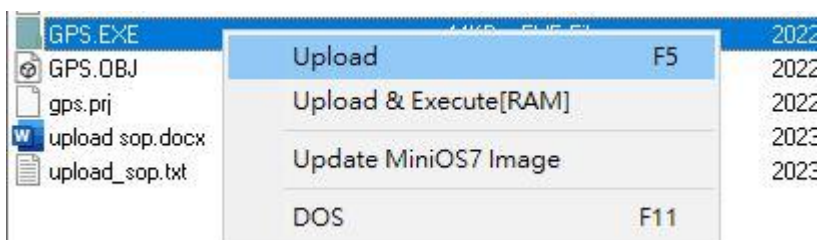

Step3: Open the MiniOS7_Utility.exe

Step4: Press 'F2' on the keyboard, enter the RS-232 settings, and establish the connection.

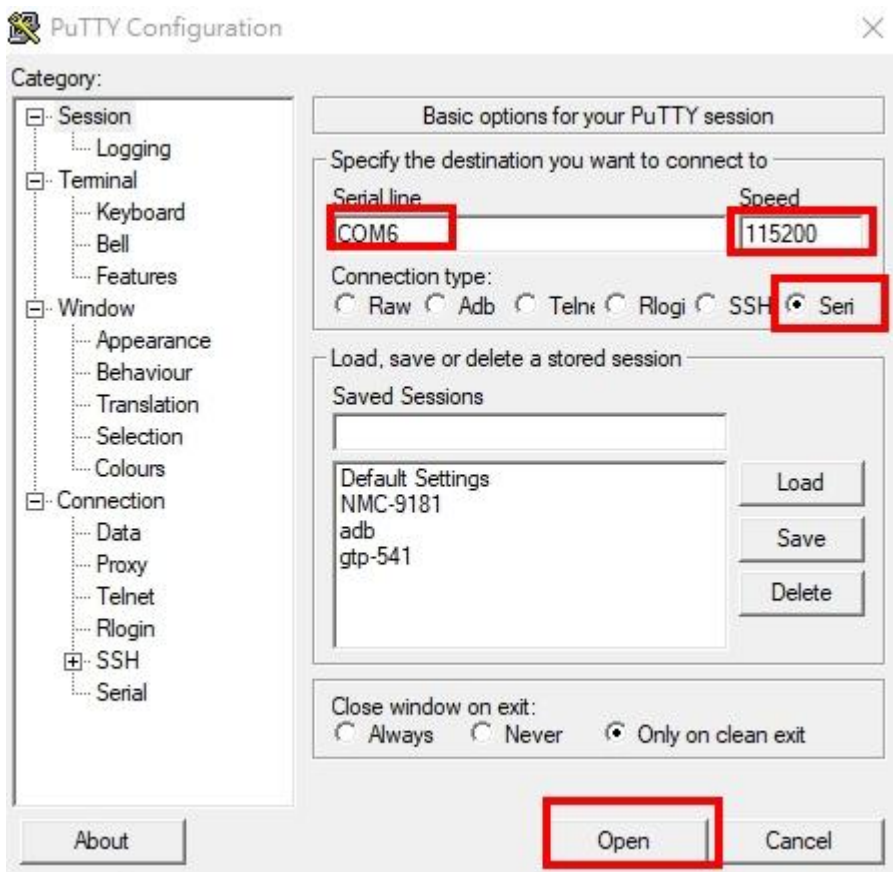Step5: Locate the folder where the program to be uploaded is stored.

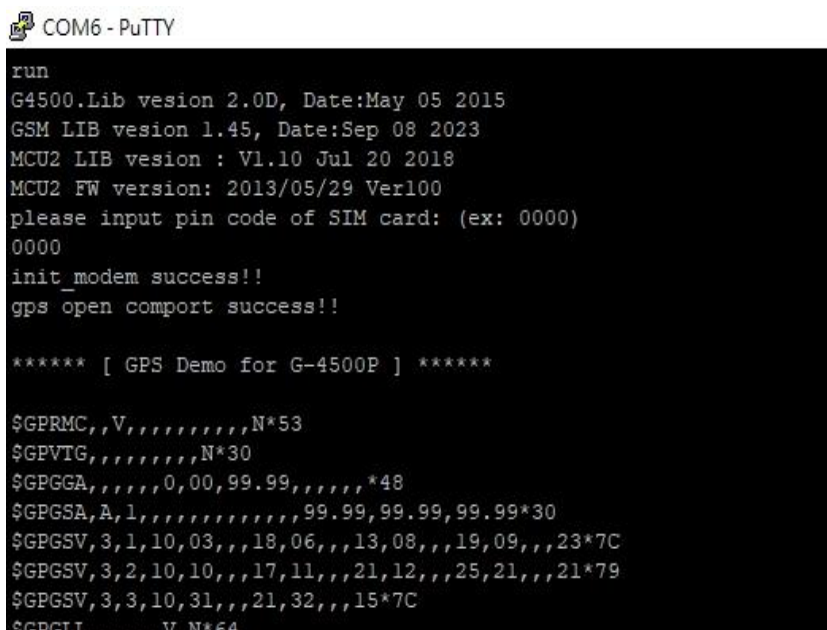Step6: Right-click on the file you want to upload, and select 'Upload'.

Step7: After the upload is complete, you can connect to the RS-232 port using any communication software.

※As an example, using Putty.exe, as shown in the following image:

Step8: Enter 'RUN' to execute the test program.
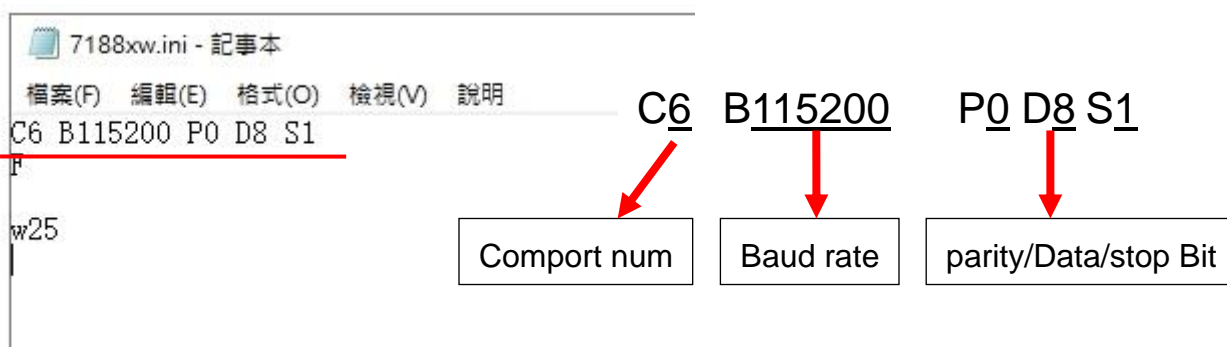
※Enter "q" to exit the program.

Q02: How to solve the error of "Can not use COM xx" or "System cannot find file" when uploading files using 7188.exe?

A02: If the screen displays 'System cannot find the specified file' and 'can not use port'. Please refer to the following steps

Step1: Please open the 7188xw.ini file and change the comport num to the correct RS232 port num.

※The first letter of the prefix does not need to be modified.

Step2: Open 7188.exe to check if the modification was successful.

Appendix A. Revision History

This chapter provides revision history information to this document.

The table below shows the revision history.

Version	Date	Description of changes
1.0.0	2023-11-10	The First Release Revision