FAQ Manual

Version 1.0.0 Oct 2023

G-451x Series

4G Power Saving PAC with Solar charger



Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Table of Contents

1. FAQ 4

Q01: G-451x Series How to upload files? 4

Method 1 : Use 7188.exe to upload the program. 4

Method 2 : Use MiniOS7 Utility to upload the program. 7

Q02: How to solve the error of "Can not use COM xx" or "System cannot find file" when uploading files using 7188.exe? 10

Appendix A. Revision History 11

Copyright © 2023 ICP DAS Co., Ltd. All Rights Reserved E-mail: service@icpdas.com

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

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

Copyright © 2023 ICP DAS Co., Ltd. All Rights Reserved E-mail: service@icpdas.com

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

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.

CN2 Pin Assignment					
Analog Input 0 ~ +20 mA	AI7	Pin 16	Pin 8	AGND	Analog Ground
	AI6	Pin 15	Pin 7	AGND	
	AI5	Pin 14	Pin 6	AGND	
	AI4	Pin 13	Pin 5	AGND	
	AI3	Pin 12	Pin 4	DI2	Digital Input
	AI2	Pin 11	Pin 3	DI1	
	AI1	Pin 10	Pin 2	DI0	
	AI0	Pin 9	Pin 1	U2 DI	MCU2 Input

CN1 Pin Assignment					
MCU2 Output	RL.NC	Pin 20	Pin 10	DO.PWR	Digital Output
	RL.COM	Pin 19	Pin 9	DO2	
	RL.NO	Pin 18	Pin 8	DO1	
COM1 RS-232	CTS1	Pin 17	Pin 7	DO0	
	RTS1	Pin 16	Pin 6	D+	COM2 RS-485
	RxD1	Pin 15	Pin 5	D-	
	TxD1	Pin 14	Pin 4	GND	Ground For COM1
Power Input: +10 ~ +30 VDC	DC.+VS	Pin 13	Pin 3	BAT.+VS	12V Lead Acid
	DC.GND	Pin 12	Pin 2	BAT.+GND	Battery
	N/A	Pin 11	Pin 1	F.G.	Frame Ground

Copyright © 2023 ICP DAS Co., Ltd. All Rights Reserved E-mail: service@icpdas.com

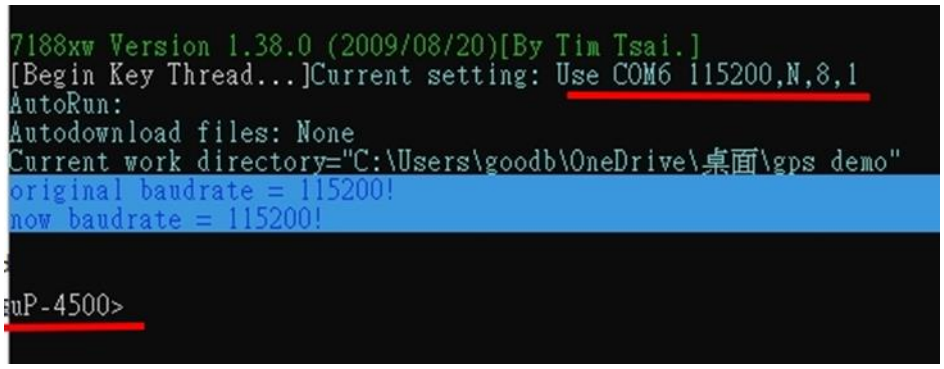
Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Step3: Open the 7188.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'.



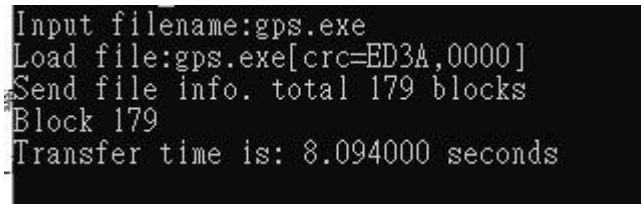
Step6: Press ALT + E to download file!



Copyright © 2023 ICP DAS Co., Ltd. All Rights Reserved E-mail: service@icpdas.com

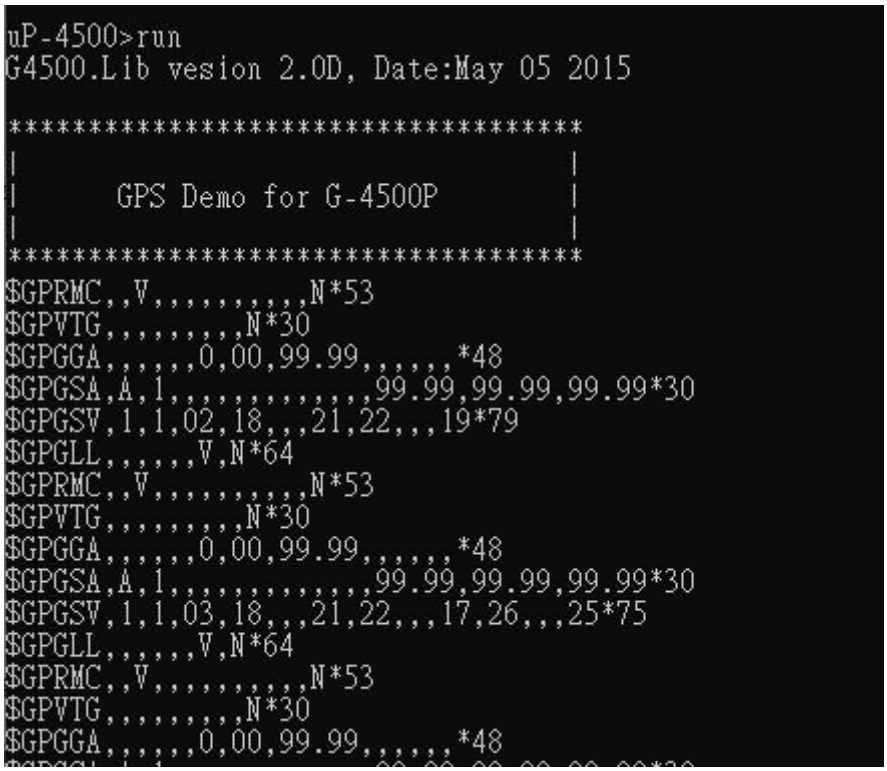
Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

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



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

※Enter "q" to exit the program.



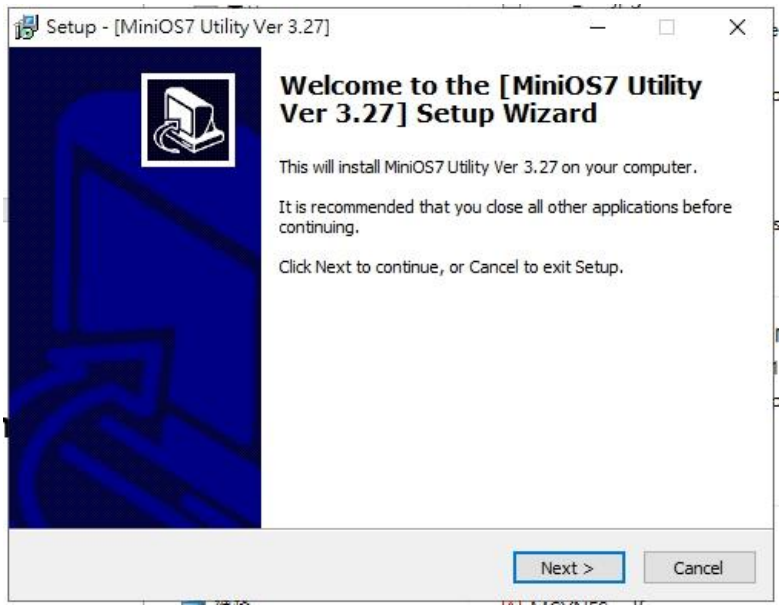
Copyright © 2023 ICP DAS Co., Ltd. All Rights Reserved E-mail: service@icpdas.com

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

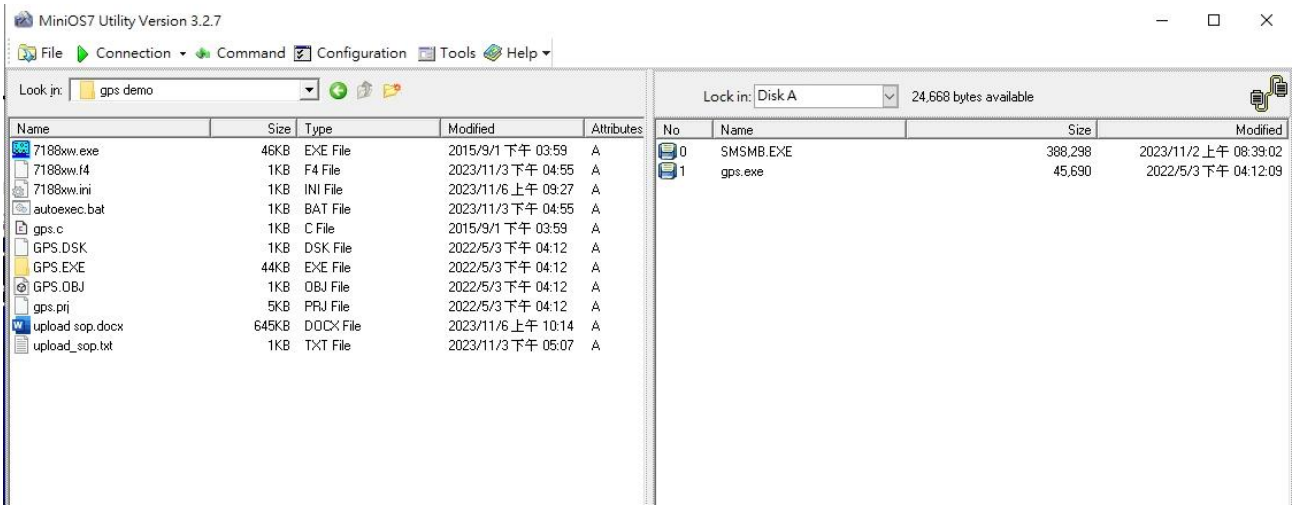
Method 2 : Use MiniOS7 Utility to upload the program.

Step1: Please go to the link to download MiniOS7_Utility_V327.exe first.

Step2: Please follow the steps for installation.



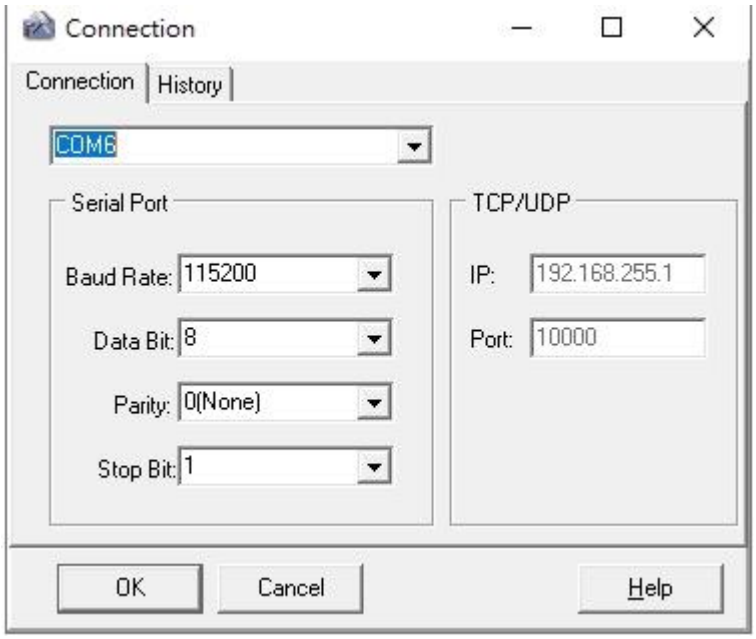
Step3: Open the MiniOS7_Utility.exe



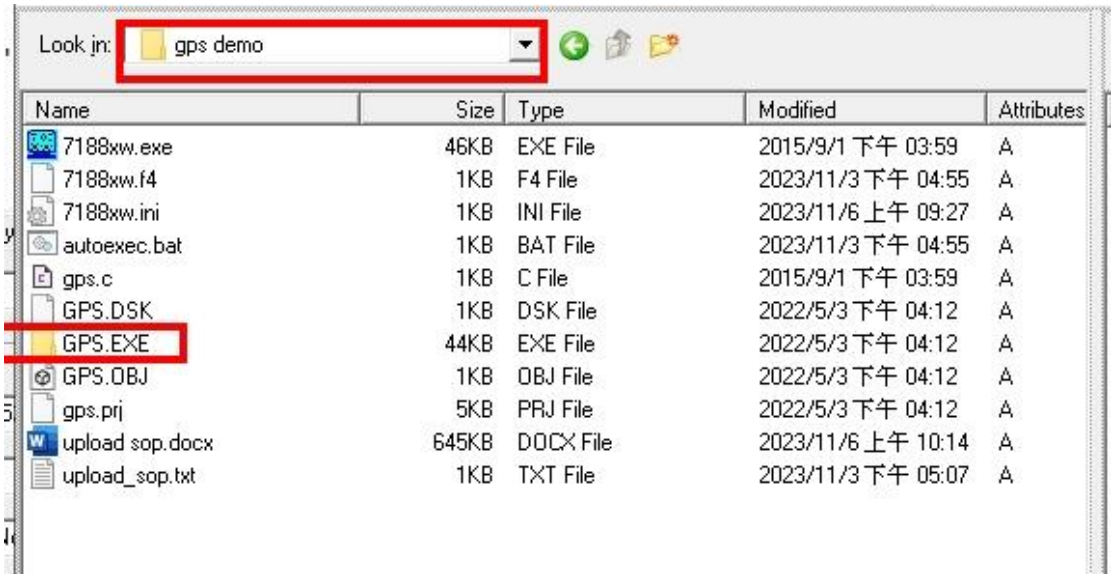
Copyright © 2023 ICP DAS Co., Ltd. All Rights Reserved E-mail: service@icpdas.com

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

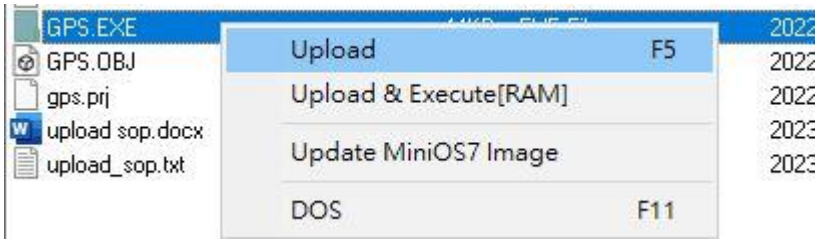
Step4: Press 'F2' on the keyboard, enter the RS-232 settings, and establish the connection.



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'.

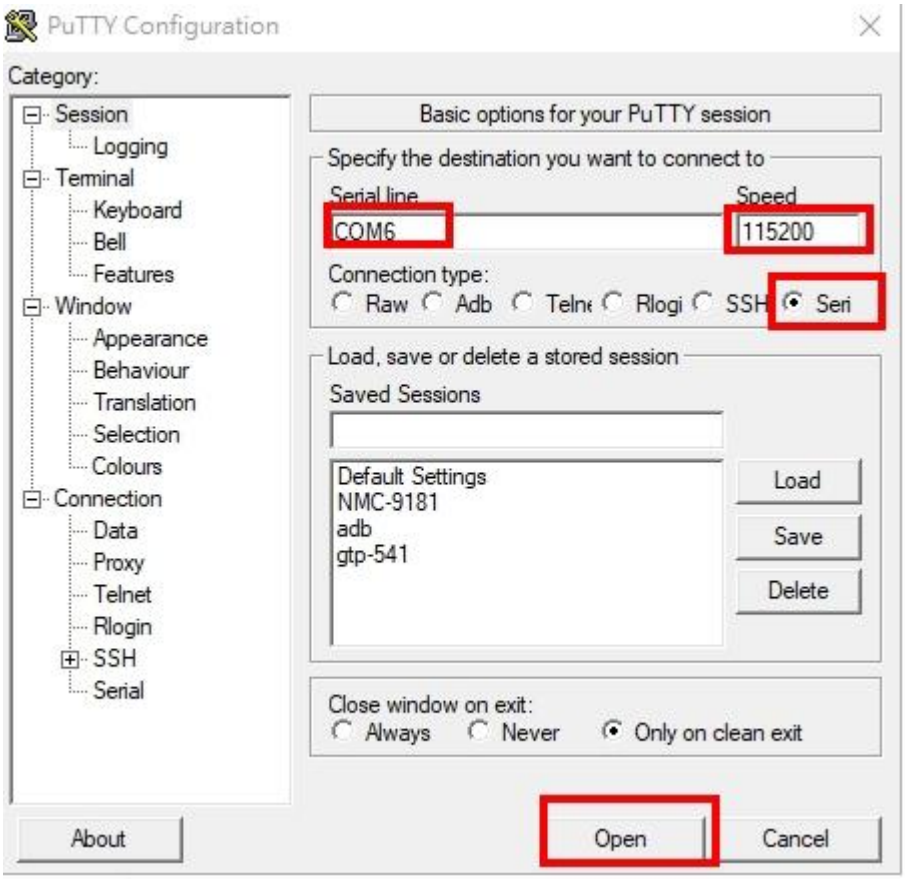


Copyright © 2023 ICP DAS Co., Ltd. All Rights Reserved E-mail: service@icpdas.com

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

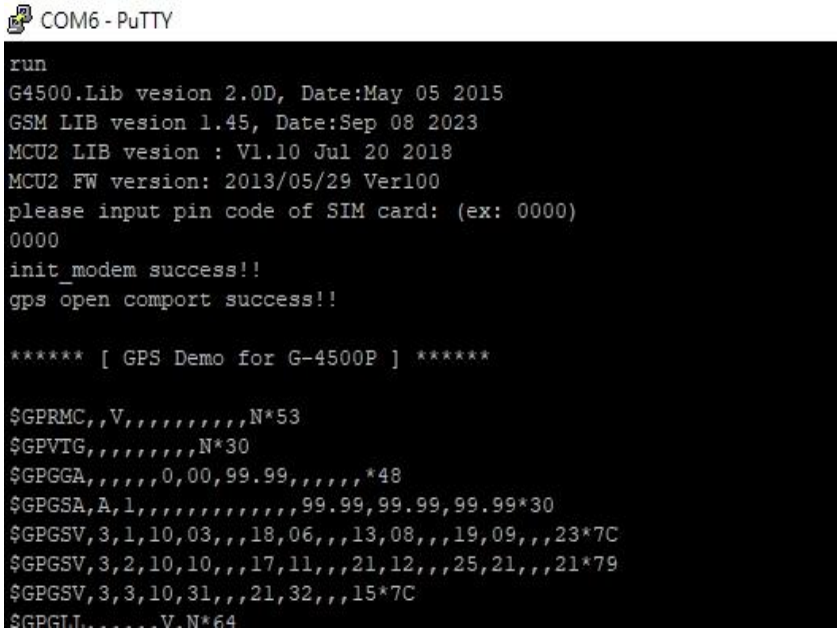
Step7: After the upload is complete, you can connect to the RS-232 port using any communication software.

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



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

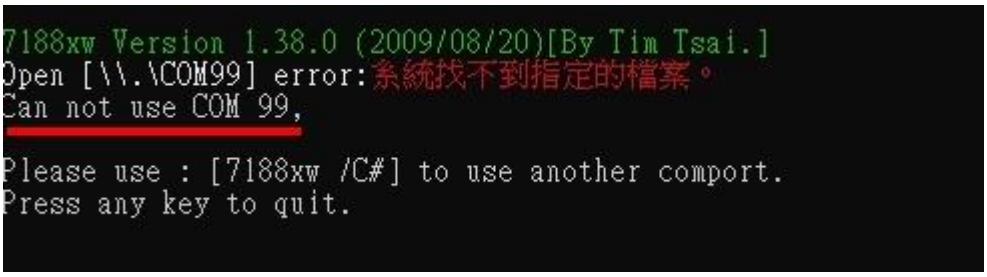
※Enter "q" to exit the program.



Copyright © 2023 ICP DAS Co., Ltd. All Rights Reserved E-mail: service@icpdas.com

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

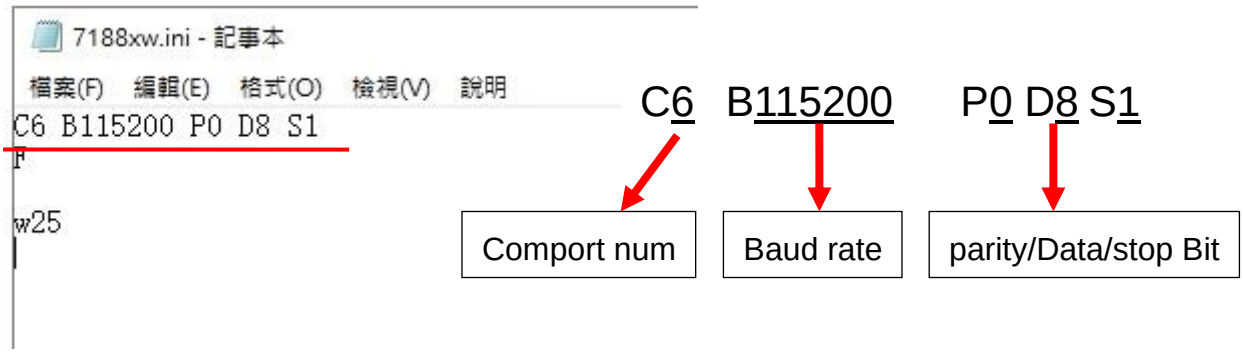
Q02: How to solve the error of "Can not use COM xx" or "System cannot find file" when uploading files using 7188.exe?



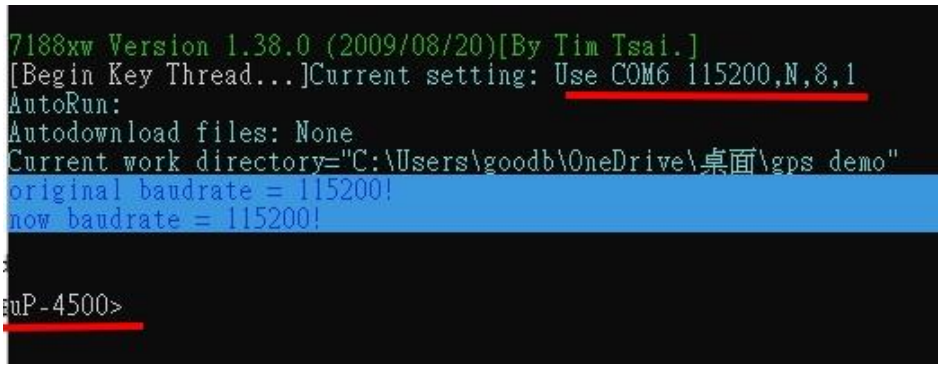
A02: If the screen displays 'System cannot find the specified file' and 'can not use port'. Please refer to the following steps

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.



Copyright © 2023 ICP DAS Co., Ltd. All Rights Reserved E-mail: service@icpdas.com

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

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

Copyright © 2023 ICP DAS Co., Ltd. All Rights Reserved E-mail: service@icpdas.com

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000