

DS50 Clear Trigger Operation Guide

Version: V1.00

Version update record

Serial number	Version	Date	Modification record	Author	Reviewer
1	V1.00	2025-11-26	Initial version		LYL

Catalogue

Version update record	2
1 Unlock Tool Introduction.....	4
2 Preparations Before Unlocking.....	4
2.1 Install the driver and prepare Type-C data cable.....	4
3 Unlocking Procedure.....	4

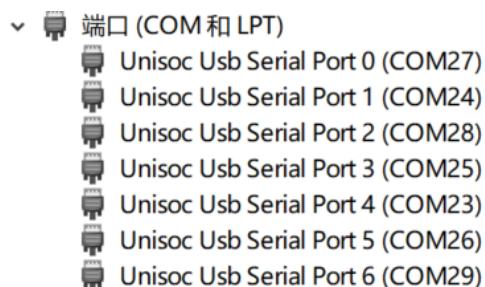
1 Unlock Tool Introduction

The unlocking tools include "SecretProject.exe" and "SunnyardSmartToolKit.exe". "SecretProject.exe" file is located in the "SecretProjectTool" folder, and "SunnyardSmartToolKit.exe" file is located in the "SunnyardSmartToolKit" folder. Among them, the "SunnyardSmartToolKit.exe" tool needs to be operated with a Type-C connecting cable.

2 Preparations Before Unlocking

2.1 Install the driver and prepare Type-C data cable

Install the driver: Open “usb driver” folder, select the corresponding file to install the driver, after the installation is successful, open the “Device Manager” of the computer, click “Port”, the display is as follows:



3 Unlocking Procedure

1、The device powers on and enters the trigger state, the terminal page is shown in Figure 1.1 . Select the "Function" button to enter the page shown in Figure 1.2. If the device does not enter the page by pressing the "Function" button, you can restart the device and then press "Function" button.



Figure 1.1



Figure 1.2

2、On the VSM Login page, enter password 520182, as shown in Figure 2.1. After entering the password, press the "Enter" key, and the device enters the page shown in Figure 2.2.



Figure 2.1

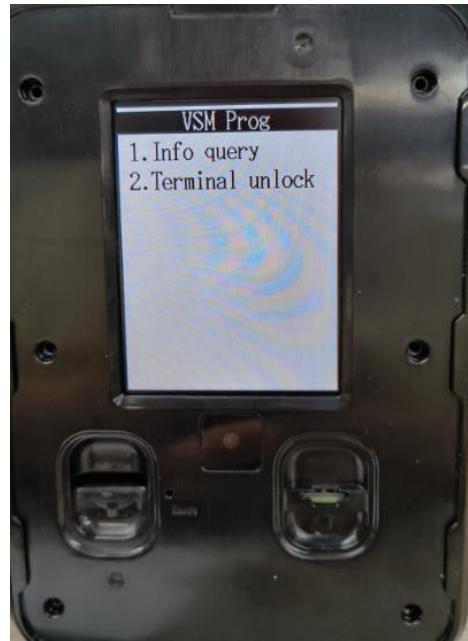


Figure 2.2

3、In the "VSM Prog" page, select button "2" to enter the terminal unlock page, as shown in Figure 3.1. Make sure not to exit this page.

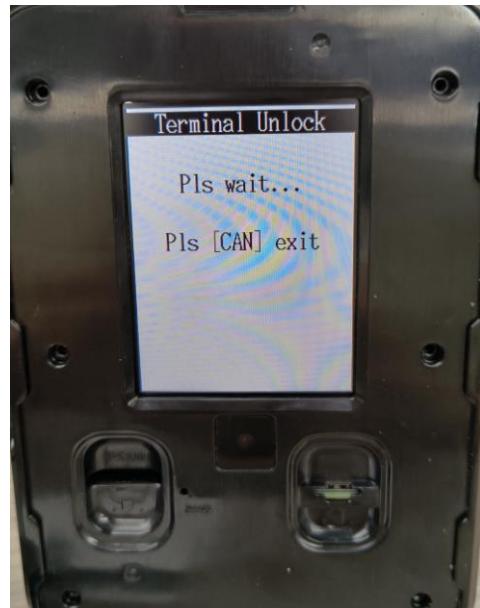


图 3.1

- 4、The secret key file that triggers the unlocking is provided by the manufacturer.
- 5、Insert the Type-C data cable into the device and connect it to the computer. Open the “SunnyardSmartToolKit” folder, and double-click “SunYardSmartToolkite.exe” file, as shown in 6.1. After double-clicking, the terminal enter the page as shown in Figure 6.2. In this page, port number COM1 Select the port number corresponding to Port6, then click "Terminal Maintenance", and then click "Select".

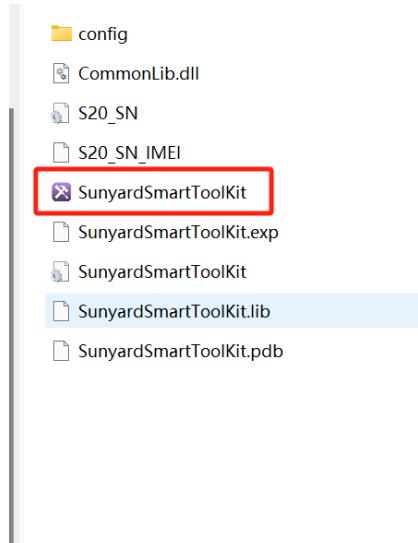


Figure 5.1

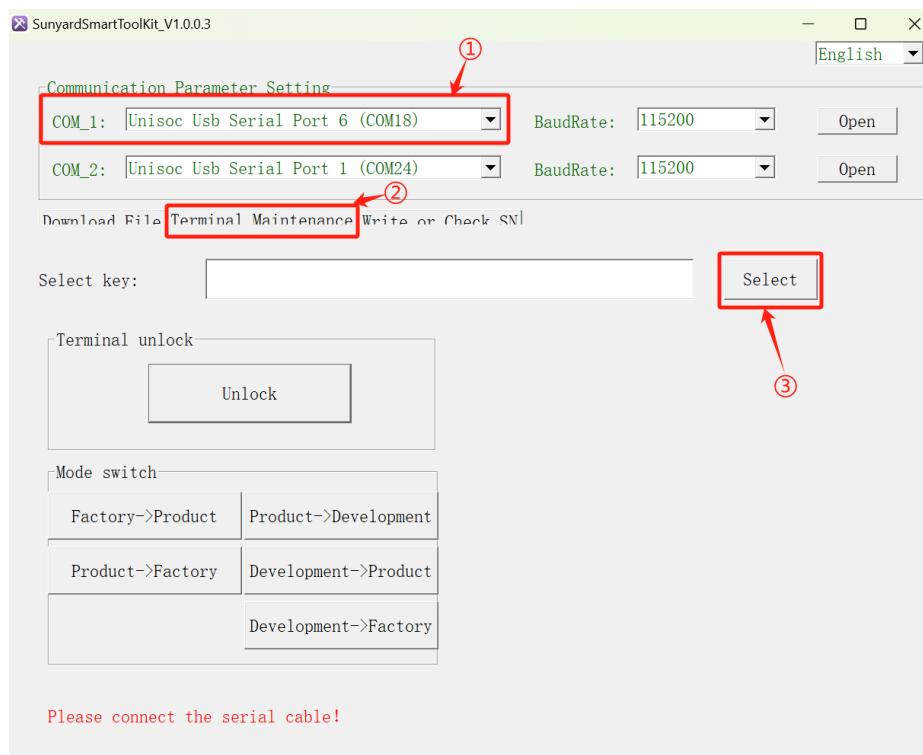


Figure 5.2

6、Select the key file saved in the "Config" directory in the "SunnyardSmartToolKit" folder, and click "open" button, as shown in Figure 7.1. Then click Unlock.

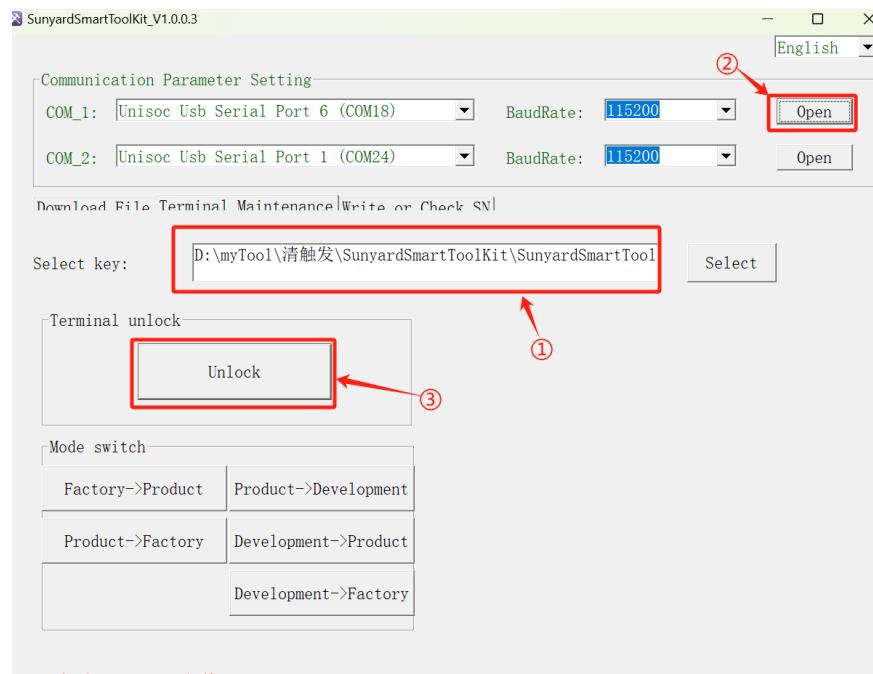


Figure 6.1

7、After the terminal is unlocked successfully, the page is shown in Figure 8.1. After that, the device will automatically restart.



Figure 7.1