



The MV800 model can be configured in the dialog box. The communication type is ModBus. The serial port number is configured according to the specific situation. The communication address and the baud rate are selected by default. After the configuration is completed, click the connection to complete the configuration. If the configuration is successful, the status bar below will light two green lights, as shown in the following figure :

If you have closed the window before completing the configuration, select the first in the toolbar to open the configuration, as shown below :



3 Main interface introduction



3.1 Function overview

The MV800 PC Tooling mainly has the functions of managing communication configuration, parameter editing, oscilloscope tools and so on.

3.2 Function specification

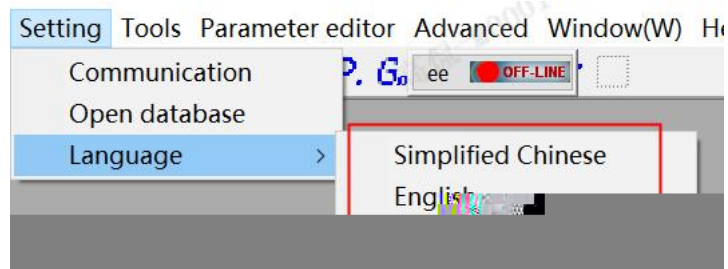
The main interface is shown below :



The functions currently supported by the MV800 PC Tooling include parameter editing  and oscilloscope , which can be opened by clicking the toolbar icon.

3.3 Language shift

The language currently supported by the MV800 PC Tooling is simplified Chinese and English, which can be switched in the settings.



4 Parameter Editor

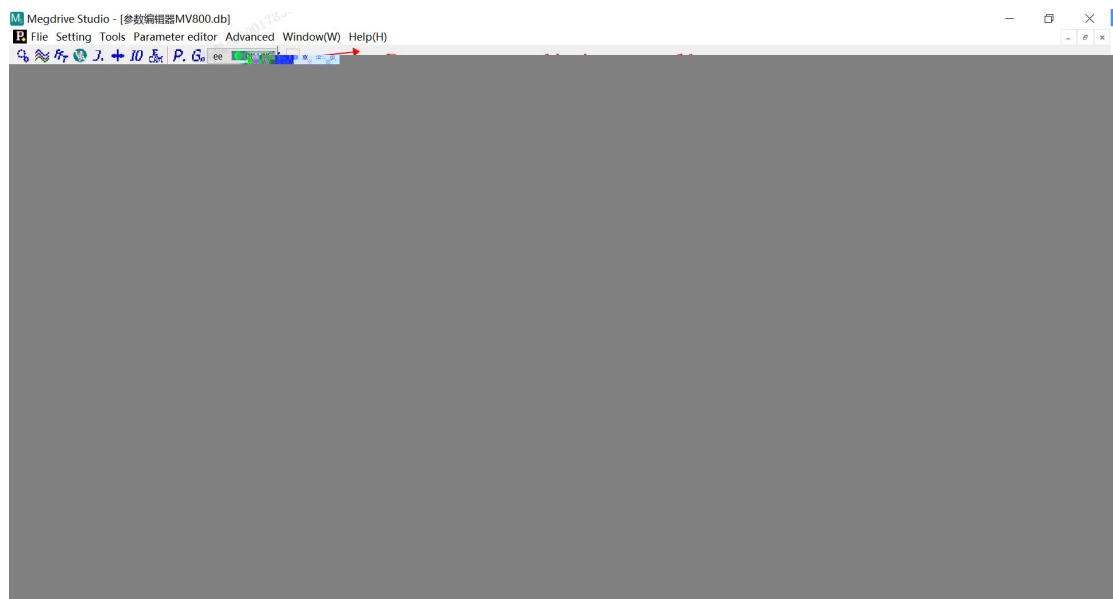
4.1 Function overview

Online modify, upload, download, save function code parameters.

4.2 Open the path

Menu method : parameter editor.

Toolbar method : Click on the toolbar parameter editing icon to open. The parameter editor interface is as follows :



4.3 Function specification

The main functions include opening parameter files, saving parameters, downloading data, and reading servo data. Used to check The dynamic characteristics of the servo drive system in the working process can also monitor the working state of the servo operation.



Open the parameter file : Open the XXX.csv file that saves the parameters.



Save the parameter file : Save the parameter data to the XXX.csv file.



Download data : Write parameters to the servo drive.



Read the servo data : Read the servo parameters from the servo.

Modify the parameters : in the parameter display, modify the area, click on the line where the parameters to be modified, pop up the corresponding The dialog box is modified and downloaded directly. If you double-click P00.00, the

following modification interface pops up, and the parameters can be modified in the interface.




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5.1 Function overview

It is used to view the dynamic characteristics of the service drive system in the working process, and can also monitor the working state of the servo operation. The sampling frequency of the oscilloscope is 1k when the communication baud rate is 1M (ModBus), and it supports 4 channels.

5.2 Open the path

Menu method : tool \ oscilloscope.

Toolbar method : Click on the toolbar oscilloscope icon  to open, the

interface is as follows :





5.3 Function specification

The main functions include running, stopping, waveform data saving, waveform data opening, setting, saving waveform pictures, forward page turning, backward page turning, channel selection, viewing cursor data, amplifying, shrinking, curve moving up, curve moving down, etc.


Run : Start the oscilloscope.

 Stop the oscilloscope : Stop the oscilloscope.

 Save waveform data : Save the waveform to the database.

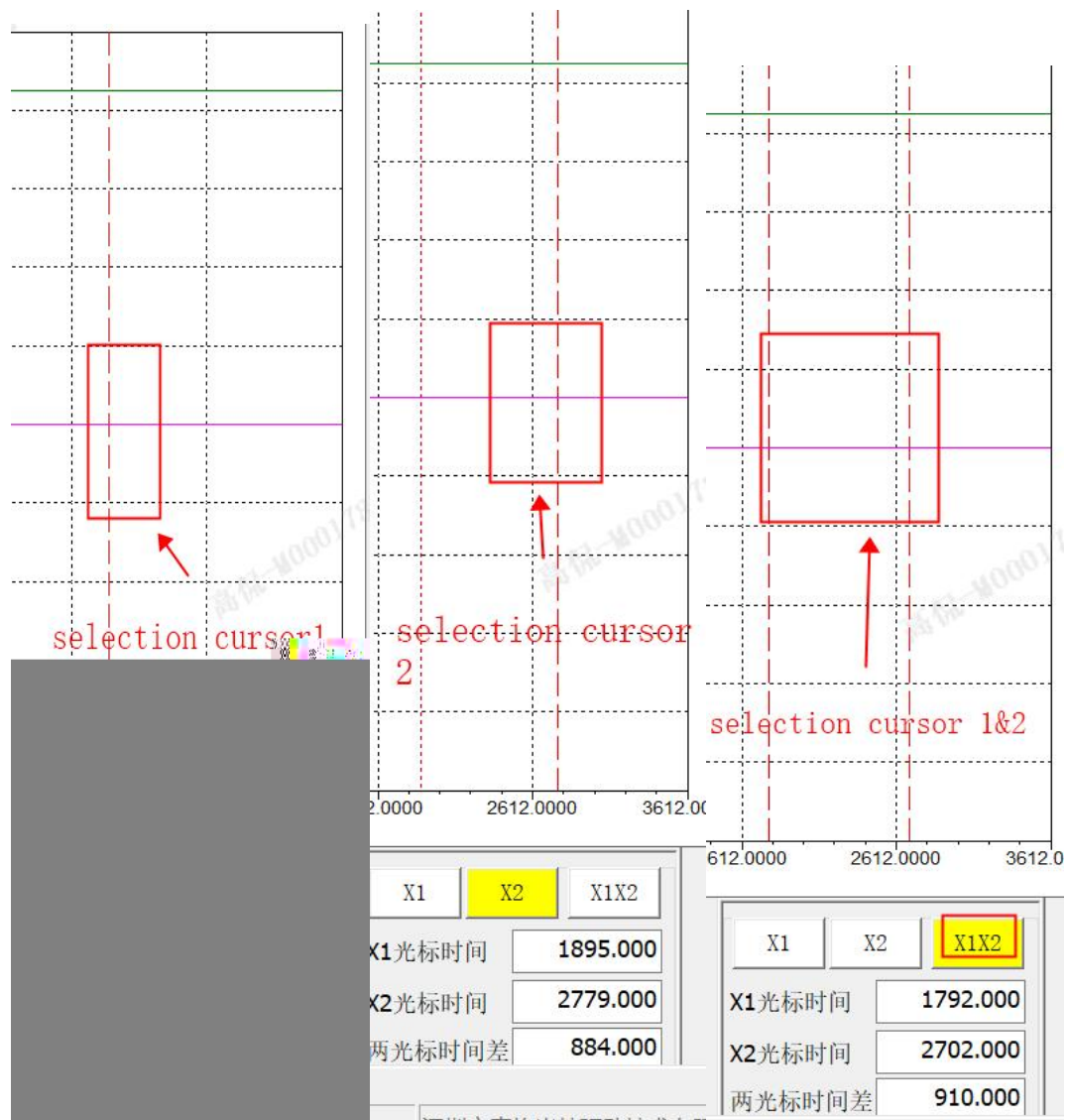
 Open waveform data : Open the waveform data and display it.

 Oscilloscope Settings : Set the oscilloscope channel.

 Save the waveform picture : Save the waveform picture

 Page backward : view the data of the next page.

Cursor selection and movement : The cursor is mainly used to view the data of points on the oscilloscope. There are a total of two cursors, three options.



The movement of the cursor position.

Coarse shift : After selecting the cursor, press and hold the Ctrl key, click the position to be moved, and complete the movement.

Fine shift : After selecting the cursor, press the left arrow to the left, press the right arrow to the right to view.

Waveform amplification : Hold the left key, draw the enlarged

Click the tick in front of the channel, and select to display the channel waveform, otherwise it is not displayed.



Trigger condition setting : The trigger conditions of each channel can be set.

