Cam Software Manual

English Ver. 1.0.0, OCT. 2018

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CONTACT US

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service@icpdas.com; **service.icpdas@gmail.com**

SUPPORT

ECAT-M801-8AX
ECAT-M801-16AX
ECAT-M801-32AX
ECAT-M801-8AX/S
ECAT-M801-16AX/S
ECAT-M801-32AX/S

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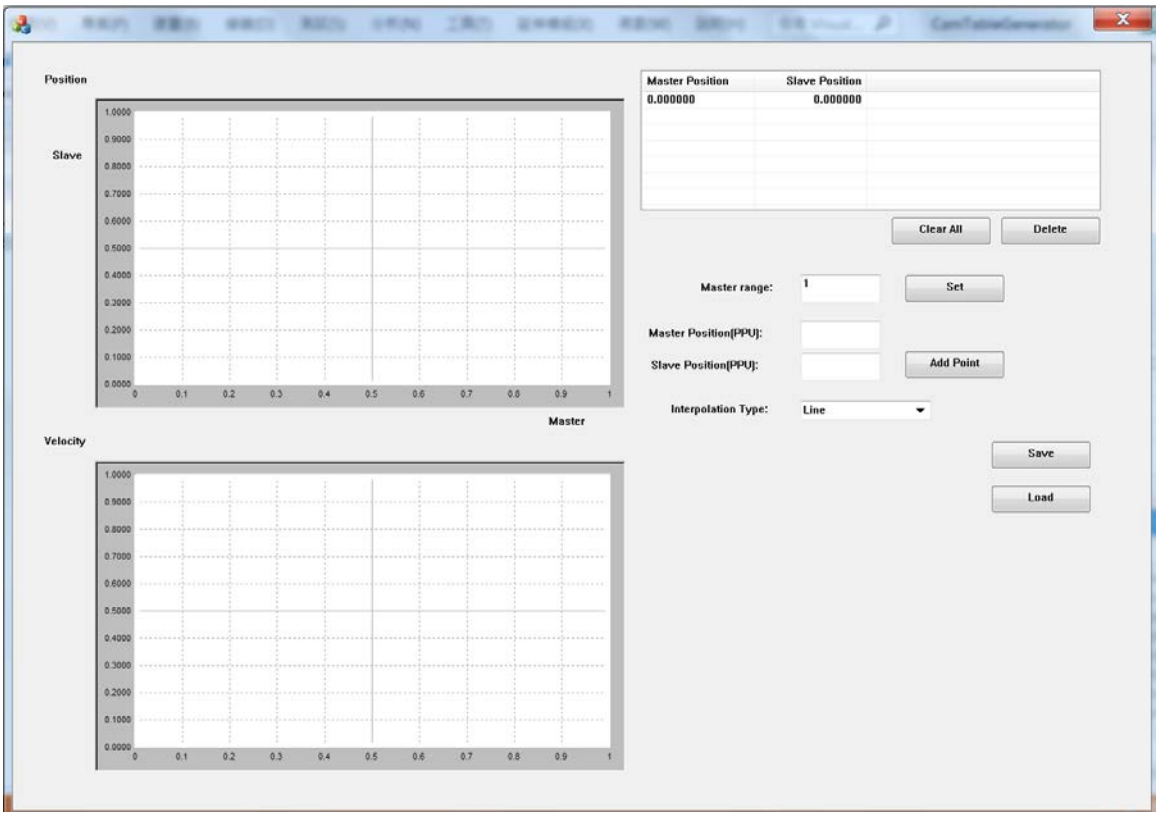
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1. Cam Utility

This application generates Cam Table

1.1.1. Interface description



description

- 

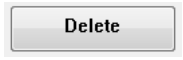
  Point list, after adding point, it will appear in this list

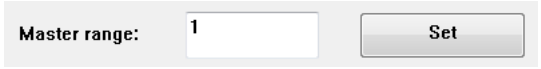
item	Description
Master Position	Master Position
Slave Position	Slave Position

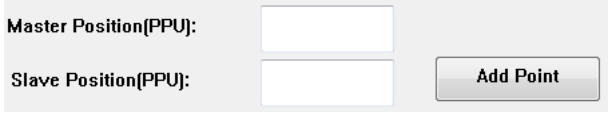
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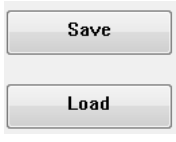
- 

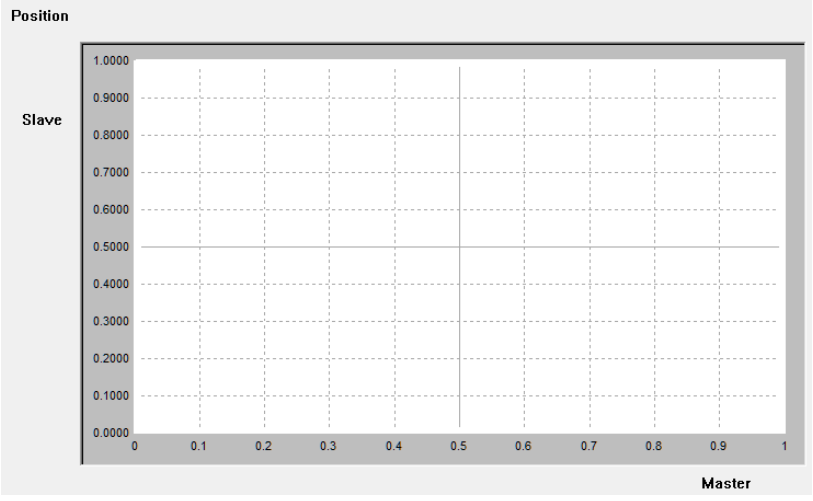
: Clear all points in the point list
- 

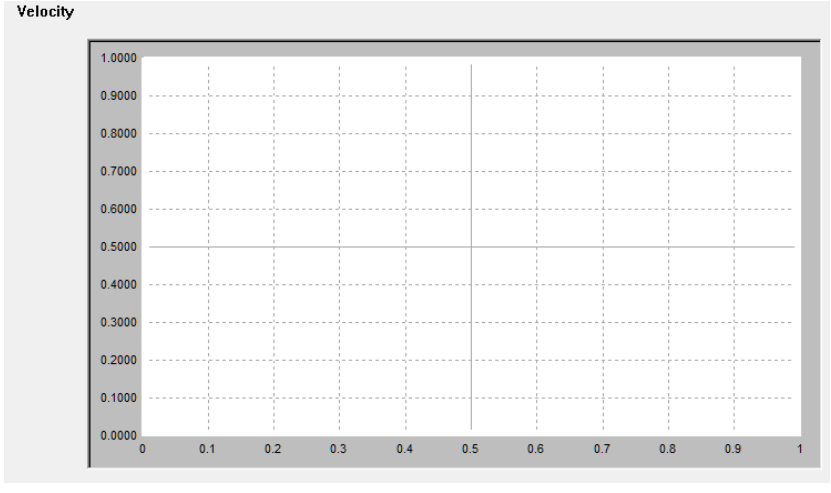
: Clear selected points
- 

: Master position range
- 

: Add point
- 

: Interpolation method
- 

: Save, load file
- 

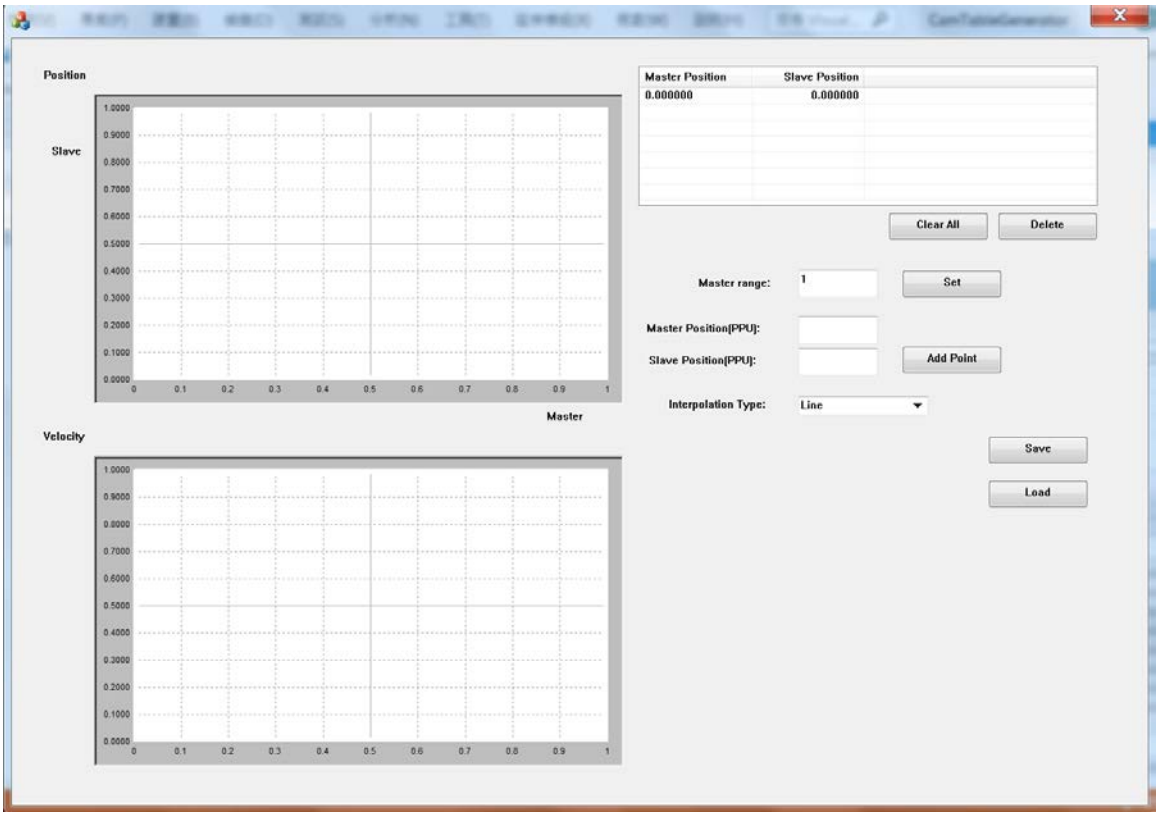
: Position display box
- 

: Velocity display box

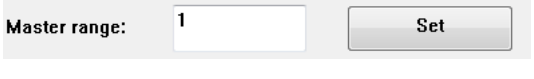
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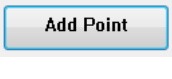
1.1.2. Operation steps



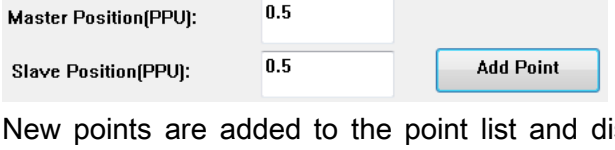
Steps

1. Adjust the range of the Master axis 

   After a cycle from the slave axis, the distance the Master axis needs to travel; the x-axis width of the position display box.

2. Enter the positions of the master and slave axes and press 

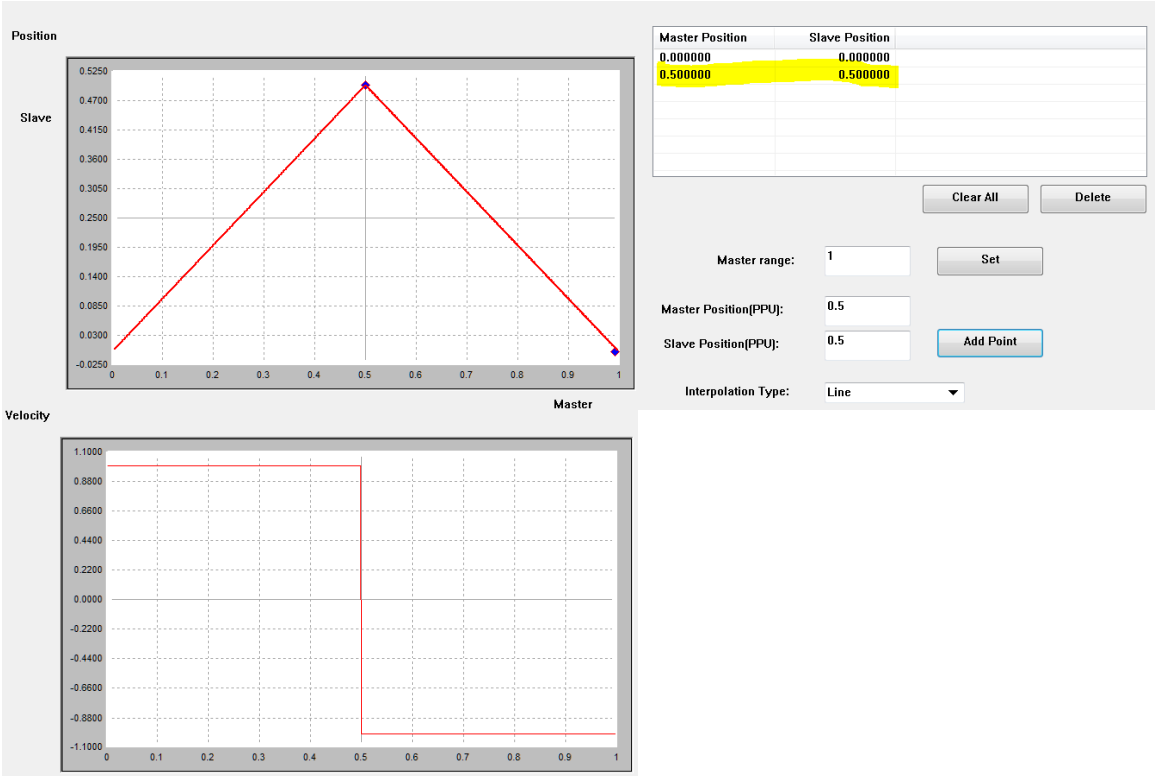
.

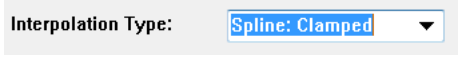
   

   New points are added to the point list and displayed in the position display box and velocity display box.

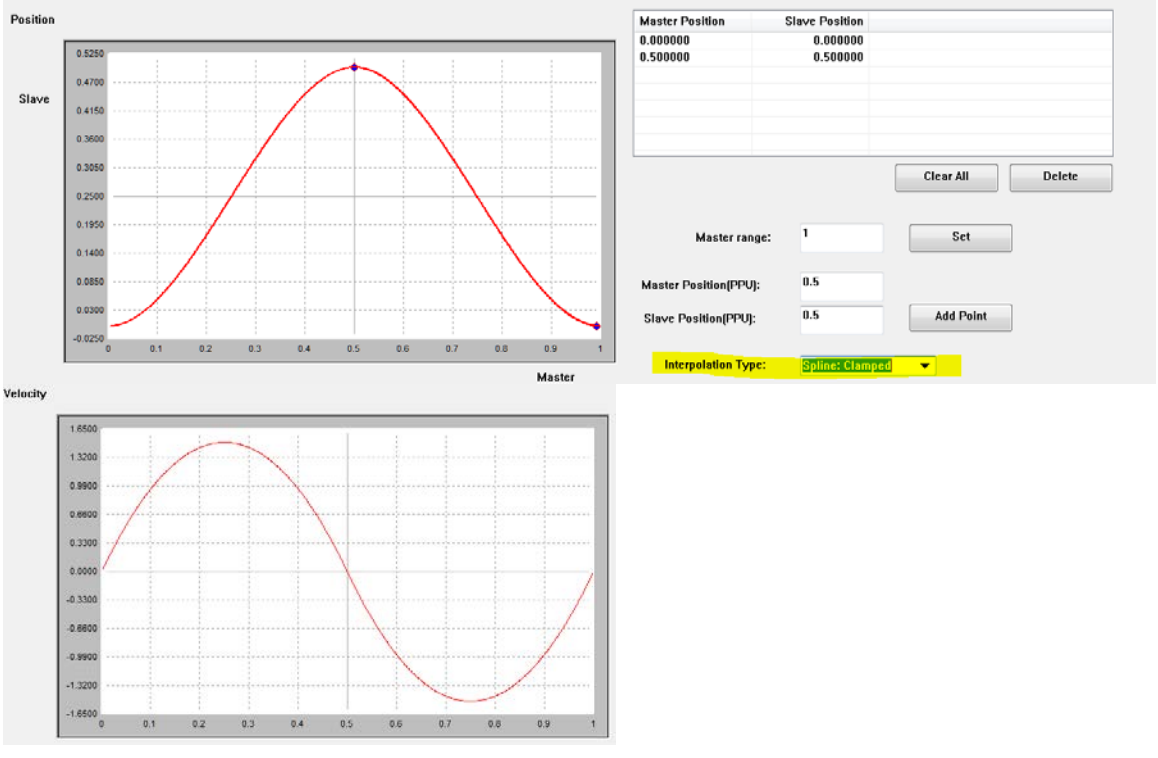
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3. Adjustment 

method of interpolation can be changed.



4. To delete a point, simply click on the point in the point list and press Delete.

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5. Press 

to save. 2 files will be generated.

   1 is "file name.txt", this file is a Cam Table, with a total of 1,000 points. After parsing the file, use ECAT_McSetEcamTable to write the Cam Table to ECAT-M801.

   2 is "file name_raw.cvs", this file is a list of points. If you are not satisfied with the generated Cam Table, you can modify it by 

this file.

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