Cam Software Manual

English

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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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1.Cam Utility

This application generates Cam Table

1.1.1. Interface description



description

Slave Position
0.00000

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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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1.1.2. Operation steps

tion											Master Position	Slave Pos	uon			
E 1	1.0000										0.000000	0.00	000			
	0 9000															
lave																_
- 1	0.0000															
	0.7000															
	0.6000						*****						[Clear All	Delete	
	0.5000															_
	0.4000										Master rat	ne: 1		Set		
	0.3000															
	0 2000										Master Position(PPU	:				
	0 1000												_	1	-	
- 10	0.1000										Classe Desition(DDI)			Add Point		
	0.0000		1	1			-	1	1		Slave Position(PPU)			Add Point		
	0.0000	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9 1 Master	Slave Position(PPU) Interpolation Typ	e: Line		Add Point		
locity	0.0000 0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9 1 Master	Slave Position(PPU)	e: Line		Add Point	Save	_
locity	0.0000 0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9 1 Master	Slave Position(PPU)	e: Line		Add Point	Save	
locity	0.0000 0 1.0000 0.9000	0.1	0.2	0.3	0.4	0.5	3.0	0.7	0.8	0.9 t Master	Slave Position[PPU]	e: Line		Add Point	Save Load	
locity	0.0000 0 0.0000 0 0.0000 0 0.0000	0.1	0.2	0.3	0.4	0.5	3.0	0.7	0.8	0.9 1 Master	Slave Position(PPU)	e: Line		Add Point	Save Load	
locity	1 0000 0 0 9000 0 0 9000 0 9000 0 9000	0.1	02	0.3	0.4	0.5	0.5	0.7	0.8	0.9 1 Master	Slave Position(PPU)	e: Line		Add Point	Save Load	
locity	0.0000 0 0.0000 0 0.0000 0.0000 0.0000 0.6000	0.1	02	0.3	0.4	0.5	0.6	0.7	0.8	0.9 1 Master	Slave Position(PPU)	e: Line		Add Point	Save Load	
locity	1.0000 0.9000 0.9000 0.9000 0.9000 0.6000 0.5000	0.1	02	0.3	0.4	0.5	80	0.7	0.8	0.9 1 Master	Slave Position(PPU)	c: Line		Add Point	Save Load	
locity	1.0000 0 0.9000 0 0.9000 0.9000 0.6000 0.6000 0.6000 0.4000	0.1	02	0.3	0.4	0.5	0.6	0.7	0.8	0.9 3 Master	Slave Position(PPU)	e: Line		Add Point	Save Load	
locity	1 0000 0 0 5000 0 0 5000 0 5000 0 5000 0 5000 0 5000	0.1	02	0.3	0.4	0.5	0.5	0.7	80	Master	Slave Position(PPU)	c: Line		Add Point	Save Load	
locity	1.0000 0.30000 0.30000 0.5000 0.5000 0.5000 0.5000 0.3000 0.3000 0.3000	0.1	02	0.3	0.4	0.5	0.5	0.7	80	.0.9 s Master	Slave Position(PPU)	e: Line		Add Point	Save Load	
locity	1.0000 0 0.0000 0 0.0000 0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.1	02	0.3	0.4	0.5	0.5	0.7	0.8	Master	Slave Position(PPU)	e: Line		Add Point	Seve Load	
locity	0.0000 0 0.0000 0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.1000	0.1	02	0.3	0.4	0.5	0.5	0.7	0.8	Master	Slave Position(PPU) Interpolation Ty	e: Line		Add Point	Save Load	

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.

1

Set

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

Master Position(PPU): 0.5 Slave Position(PPU): 0.5 Add Point

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





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

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EtherCAT Master 軟體使用手冊

Master Position	Slave Position	
0.000000	0.000000	
0.500000	0.500000	
		Clear All Delete

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 Load this file.