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Zero Vibration

× EtherCAT Driver

Info

Input Shaping

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ZeroVibration	ZeroVibration

API

${\bf ecmSxCfg_SetZVISParam}:$

* int ecmSxCfg_SetZVISParam (int NetID, int Axis, double NaturalFrequency, double DampingRatio, int ZVISMode, ref int ErrCode);

• NetID : Network

• Axis:

• NaturalFrequency : (1.0hz ~)

• DampingRatio : (default : 0)

• ZVISMode : (1 ~ 2)

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• ErrCode : . , NULL

• Return Value : Cmdldx 1)

ecmSxCfg_SetZVISEnable:

* int ecmSxCfg_SetZVISEnable(int NetID, int Axis, bool isEnable, ref int ErrCode)

• NetID : Network

• Axis:

• isEnable : (true / false)

• ErrCode : . , NULL

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• Return Value : Cmdldx 2)

C#

```
private void SetZeroVibration(int axisID)
  // int ecmSxCfg SetZVISParam(int NetID, int Axis, double
NaturalFrequency, double DampingRatio, int ZVISMode, ref int ErrCode)
  // int ecmSxCfg SetZVISEnable(int NetID, int Axis, bool isEnable,
ref int ErrCode)
 //
         : 5.5 /
                   : 0 / Mode : 2
   ecmSxCfg_SetZVISParam(netID, axisID, 5.5, 0, 2, ref errorCode);
   if (errorCode != 0)
   {
   //
   }
   ecmSxCfg_SetZVISEnable(netID, axisID, true, ref errorCode);
   if (errorCode != 0)
   {
   //
   }
}
```

```
1) , 2)
ComiECAT SDK . , (
```

```
From:
http://comizoa.com/info/ - -

Permanent link:
http://comizoa.com/info/doku.php?id=platform:ethercat:2_info:zero_vibration:start&rev=1566577546

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```