

	.....	1
1. Configurator	Download Dictionary .....	1
2. SDO	Torque Limit .....	1

× (Torque Limit)  
[ ]

1. Configurator Download Dictionary

ComiIDE by COMIZOA (V1.6.4.0)

SetupMainMotion ViewMotion Control IMotion Control IIOCustom IOSTyle

ScanSaveLoadUpdateFWInstallDLLsPCMSHScripterServoFWConfigSlavesAlarm.HPDOTool EtherCATESC DSP

ProjectResetToolTool IITool II

Device ListEtherCAT[0] COMI-LX550

Item	Details
Firmware	2.39.0.0
Driver	2.3.1.0
Library	2.3.4.0

MenuProject

Double Click this, for mor

ComiIDE에서...

ComiIDE에서...

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Configurator

SetupMainConnectionAddressConfig

IndexAddressCustomAuto

Scanned List

Slave Count 2

#00 [02FFh] MASTER-DC

#01 [0005h] SGO7S-xxxxA0x CoE

[02FF] Master

[0005] SERVO

Cycle Time

RoundTrip

Set : 1000

Current : 30

Max : 50

Average : 31.15

ProcessCycle

App : 30

Net : 11

DisconErrorInitialPreOPSafeOPOPUpdate+ESC Info

LogView

ClearLog Level 3 : Log when command functi

TimeChannelCodeCommandInfo

13:02:07.110EtherCAT-183ecSlv\_ReadCoe...ecERR\_IMPROPER\_AL\_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...

13:02:07.110EtherCAT-183ecSlv\_ReadCoe...ecERR\_IMPROPER\_AL\_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...

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13:02:07.111EtherCAT-183ecSlv\_ReadCoe...ecERR\_IMPROPER\_AL\_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...

Motor Monitor

Axis 4 INITIAL

Position Monitor

Reset

C.PosF.PosC.Spdt.F.Spdt.Torq

Axis 41,025.0001,025.00000002

MIO Monitor

Emergency

RDYALMWARNELPELORGINP

Axis 4

• Config→ DownloadMainDictionary

2. SDO Torque Limit

ComiIDE by COMIZOA (v1.6.4.0)

Setup

Main

Motion View

Motion Control I

Motion Control II

IO

Custom IO

Style

Scan

Save

Load

Update

FW

Install

DLLs

PCM

Shell

Scripter

Servo

FW

Config

Slaves

Alarm.H

PDO

Dictionary

ESC

DSP

Project

Tool

Tool II

Tool EtherCAT

Device List

Object Dictionary

EtherCAT

[0] COMI-LX550

Net 0

[02FF] MASTER-DC

[0005] SGT05-xxxxA0x CoE Drive

Update

Auto Update

Update Interval

200

Config

Index	Name	Type	Size	Value	Value_Hex	Flags
0x609A	Homing acceleration	UDINT	4	0	0x0000	rw RT
0x60A4	Profile jerk	DT60A4	6	0	0x0	ro
0x60B1	Velocity Offset	DINT	4	0	0x0000	rw RT
0x60B2	Torque Offset	INT	2	0	0x00	rw RT
0x60B8	Touch probe function	UINT	2	0	0x00	rw RT
0x60B9	Touch probe status	UINT	2	0	0x00	ro T
0x60BA	Touch probe 1 position value	DINT	4	0	0x0000	ro T
0x60BC	Touch probe 2 position value	DINT	4	0	0x0000	ro T
0x60C1	Interpolation data record	DT60C1	6	0	0x0	ro
0x60C2	Interpolation time period	DT60C2	4	0	0x0	ro
0x60E0	Positive Torque Limit Value	UINT	2	0	0x00	rw RT
0x60E1	Negative Torque Limit Value	UINT	2	0	0x00	rw RT
0x60E4	Additional Position Actual Value	DT60E4	6	0	0x0	ro
0x60F2	Positioning option code	UINT	2	0	0x00	rw R
0x60F4	Following error actual value	DINT	4	0	0x0000	ro T
0x60FC	Position demand internal value	DINT	4	0	0x0000	ro T
0x60FD	Digital inputs	UDINT	4	0	0x0000	ro T
0x60FE	Digital outputs	DT60FE	10	0	0x0	ro
0x60FF	Target velocity	DINT	4	0	0x0000	rw RT
0x6502	Supported drive modes	UDINT	4	0	0x0000	ro
0x60C0	Interpolation sub mode select	INT	2	0	0x00	rw
0x2730	Interpolation data configuration for 1st pr	DT2730	18	0	0x0	ro
0x2731	Interpolation data configuration for 2nd pr	DT2731	18	0	0x0	ro
0x2732	Interpolation profile select	USINT	1	0	0x0	rw RT

Item

Firmware

Driver

Library

Menu

Project

Double Click this, for m

ComiIDE에서

ComiIDE에서

LogView

Clear

Log Level

3: Log when command functi

Search

Time	Channel	Code	Command	Info
13:05:31.691	EtherCAT	-183	ecSlv_ReadCoe...	ecERR_IMPROPER_AL_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...
13:05:31.691	EtherCAT	-183	ecSlv_ReadCoe...	ecERR_IMPROPER_AL_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...
13:05:31.692	EtherCAT	-183	ecSlv_ReadCoe...	ecERR_IMPROPER_AL_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...
13:05:31.692	EtherCAT	-183	ecSlv_ReadCoe...	ecERR_IMPROPER_AL_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...
13:05:31.692	EtherCAT	-183	ecSlv_ReadCoe...	ecERR_IMPROPER_AL_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...

Emergency

RDY

AL

WA

NEL

PEL

OR

INP

Axis 4

SDO Torque Limit

ComiIDE by COMIZOA (v1.6.4.0)

Setup

Main

Motion View

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Tool EtherCAT

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[0] COMI-LX550

Net 0

[02FF] MASTER-DC

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0x60C2	Interpolation time period	DT60C2	4	0	0x0	ro
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0x60FC	Position demand internal value	DINT	4	0	0x0000	ro T
0x60FD	Digital inputs	UDINT	4	0	0x0000	ro T
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0x60FF	Target velocity	DINT	4	0	0x0000	rw RT
0x6502	Supported drive modes	UDINT	4	0	0x0000	ro
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0x2730	Interpolation data configuration for 1st pr	DT2730	18	0	0x0	ro
0x2731	Interpolation data configuration for 2nd pr	DT2731	18	0	0x0	ro
0x2732	Interpolation profile select	USINT	1	0	0x0	rw RT

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Firmware

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ComiIDE에서

ComiIDE에서

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Log Level

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Search

Time	Channel	Code	Command	Info
13:06:32.775	EtherCAT	-183	ecSlv_ReadCoe...	ecERR_IMPROPER_AL_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...
13:06:32.775	EtherCAT	-183	ecSlv_ReadCoe...	ecERR_IMPROPER_AL_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...
13:06:32.775	EtherCAT	-183	ecSlv_ReadCoe...	ecERR_IMPROPER_AL_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...
13:06:32.775	EtherCAT	-183	ecSlv_ReadCoe...	ecERR_IMPROPER_AL_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...
13:06:32.775	EtherCAT	-183	ecSlv_ReadCoe...	ecERR_IMPROPER_AL_STATE (AL-STATE가 적절하지 않은 경우) (netID = 0, slaveP...

Emergency

RDY

AL

WA

NEL

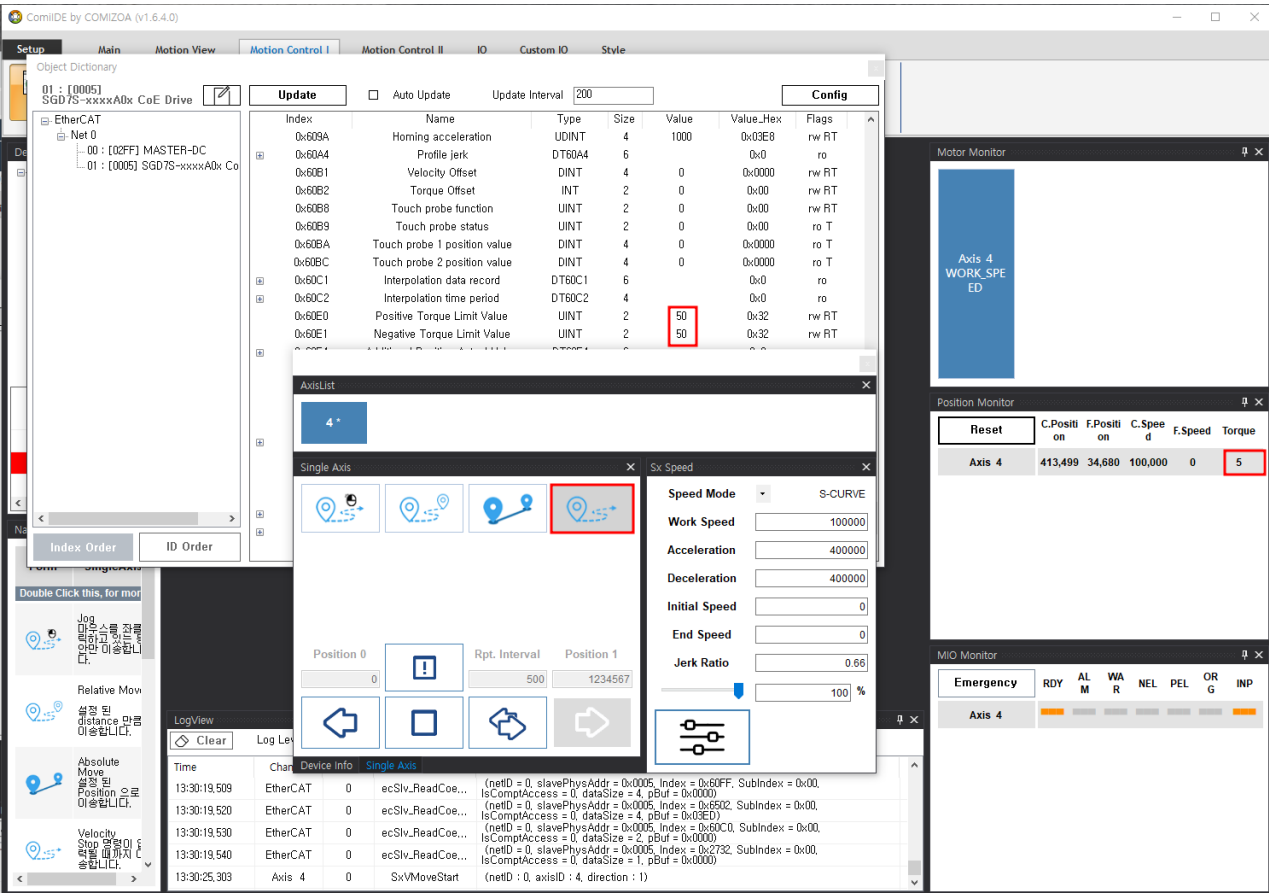
PEL

OR

INP

Axis 4

1. Value .
2. Value enter.



Velocity , 가 Limit . (Ex: \* Torque Limit = Maximum Current) Torque Limit ,

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<http://comizoa.co.kr/info/> - -  
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[http://comizoa.co.kr/info/faq:motion:ethercat:07\\_torque\\_limit\\_setup](http://comizoa.co.kr/info/faq:motion:ethercat:07_torque_limit_setup)  
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