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# VEICHI

x Leadshine EtherCAT Servo

Test

## SD780-E

### Summary

- Date : 2024-11-14
- Master : COMI-LX550
- Version Test
  - IDE : v1.10.4.0
  - F/W : v2.83.0.0
  - Driver : v2.5.1.0
  - Library : v2.5.3.0
- Sample
  - Driver : SD780-E
  - Motor : V7U-L04A-R1030-D1
- ESI : VEICHI\_SD780-E\_Rev64\_XML.xml
  - VendorID : 0x5132AA00
  - Product Code : 0xAAAAAAAA
  - RevisionNo : 0x14111001
- CycleTime : 1ms
- Dc offset : 0%

### Condition

- PC
  - CPU : Intel I5-6600
  - MainBoard : SuperMicro
  - RAM : 16G
- OS
  - Win10 x64

### Test Item : Setup

- XML Parsing

- PDO mapping
- EtherCAT State Machine
  - Init / PreOP / SafeOP / OP
- SyncMode : Distributed Clock
- Configured Station Alias

### Test Item : Operation

- Servo On (Operation Enable / Disable)
- Speed Setup
- Move : CSP Mode
- SDO Read / Write
- EEPROM, Register Read / Write

### Test Item : ToDo

- Motion IO
  - Limit, Origin
  - I/O Logic Change over EtherCAT
- Touch Probe

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