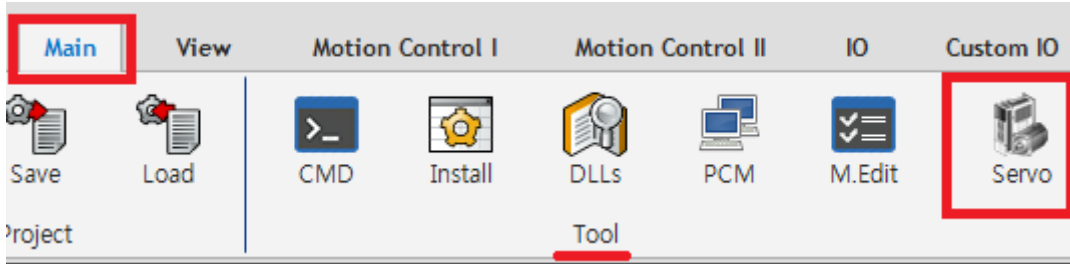




, , , , polarity

× EtherCAT

1 ComiIDE Main Servo



2 ( ) ReadOne

The screenshot shows the 'Servo Tune' window. The 'Axis 0 (PANASONIC\_A)' is selected in the tree view. The 'Read One' button in the 'Category' section is highlighted with a red box. Below the buttons is a table of servo parameters.

Item	Name	Minimum	Maximum	Defalut	Servo	Value	Unit
0	제조사 사용	0	1	1			---
1	제어 모드 설정	0	6	0			---
2	실시간 오토튜닝 설정	0	6	1			---
3	실시간 오토튜닝 기계 강성 설정	0	31	13			---
4	관성비	0	10000	250			1%
8	제조사 사용	0	1048576	0			---
9	제조사 사용	0	1073741824	1			---
10	제조사 사용	1	1073741824	1			---
11	지원 없음(모터 1회전당 출력 펄스 수)	1	262144	2500			1 Pulse/r
12	지원 없음(펄스 출력 논리 반전)	0	3	0			---
13	제 1 토크 한계	0	500	500			1%
14	위치 편차 과대 설정	0	134217728	100000			1 Pulse/r
15	앰플루트 인코더 설정	0	2	1			---
16	회생 저항 외장 설정	0	3	3			---
17	외장 회생 저항 부하를 선택	0	4	0			---
0	제 1 위치 루프 게인	0	30000	480			0.1 /s
1	제 1 속도 루프 게인	1	32767	270			0.1 Hz
2	제 1 속도 루프 적분 시정수	1	10000	210			0.1 ms
3	제 1 속도 검출 필터	0	5	0			---

3 Polarity ↓

The screenshot shows the 'Servo Tune' application window. On the left, a tree view shows the servo configuration for 'COMI-LX554 (EtherCAT)', with 'Axis 0 (PANASONIC\_A)' selected. The main area contains a table of parameters. The 'Polarity' parameter (Item 43) is selected, and its value is '0'. Below the table, there are buttons for 'R', 'V', and 'Polarity'. The 'Polarity' button is highlighted with a red box. At the bottom left, there are up and down arrow buttons, with the down arrow button highlighted in red.

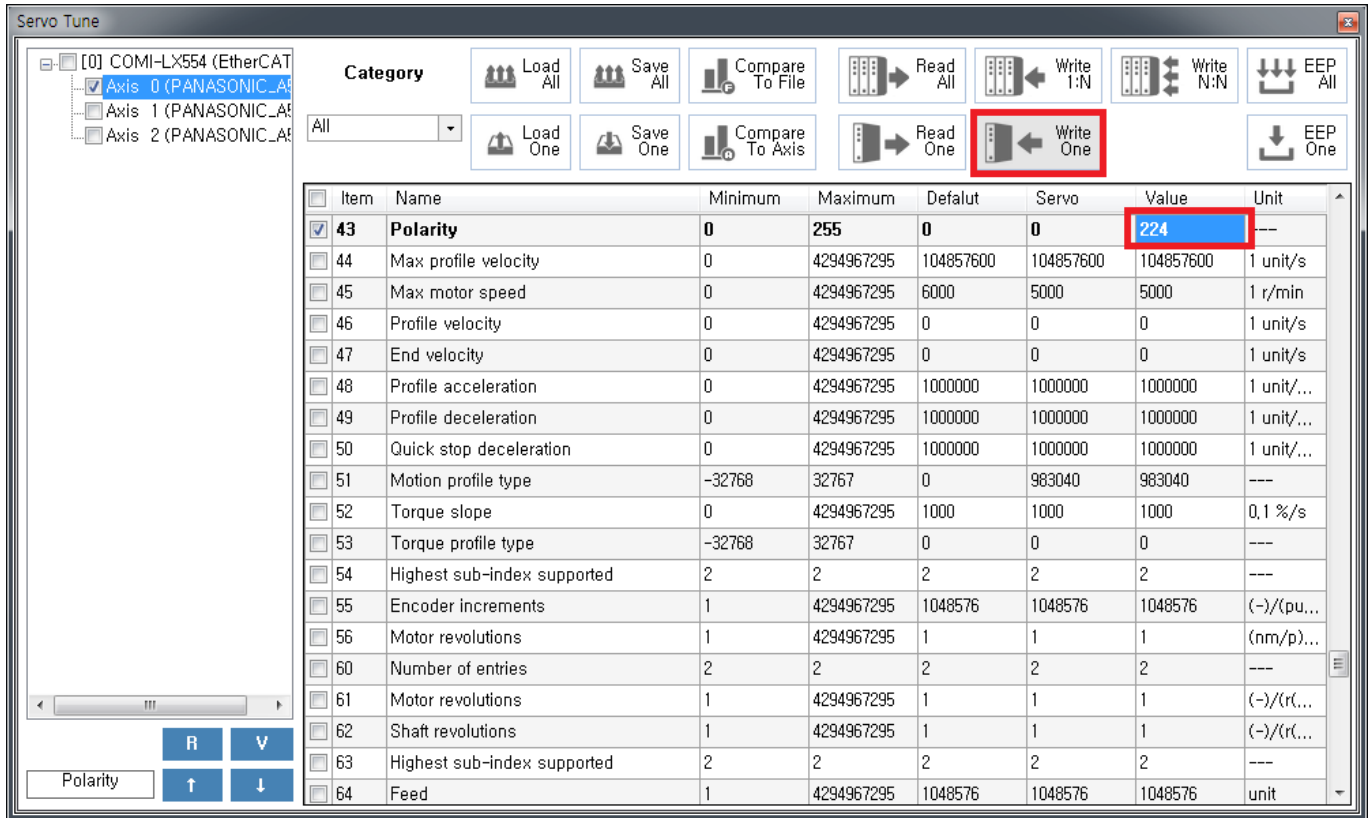
Item	Name	Minimum	Maximum	Defalut	Servo	Value	Unit
43	Polarity	0	255	0	0	0	---
44	Max profile velocity	0	4294967295	104857600	104857600	104857600	1 unit/s
45	Max motor speed	0	4294967295	6000	5000	5000	1 r/min
46	Profile velocity	0	4294967295	0	0	0	1 unit/s
47	End velocity	0	4294967295	0	0	0	1 unit/s
48	Profile acceleration	0	4294967295	1000000	1000000	1000000	1 unit/...
49	Profile deceleration	0	4294967295	1000000	1000000	1000000	1 unit/...
50	Quick stop deceleration	0	4294967295	1000000	1000000	1000000	1 unit/...
51	Motion profile type	-32768	32767	0	983040	983040	---
52	Torque slope	0	4294967295	1000	1000	1000	0,1 %/s
53	Torque profile type	-32768	32767	0	0	0	---
54	Highest sub-index supported	2	2	2	2	2	---
55	Encoder increments	1	4294967295	1048576	1048576	1048576	(-)/(pu...
56	Motor revolutions	1	4294967295	1	1	1	(nm/p)...
60	Number of entries	2	2	2	2	2	---
61	Motor revolutions	1	4294967295	1	1	1	(-)/(r(...
62	Shaft revolutions	1	4294967295	1	1	1	(-)/(r(...
63	Highest sub-index supported	2	2	2	2	2	---
64	Feed	1	4294967295	1048576	1048576	1048576	unit

**4 Value**

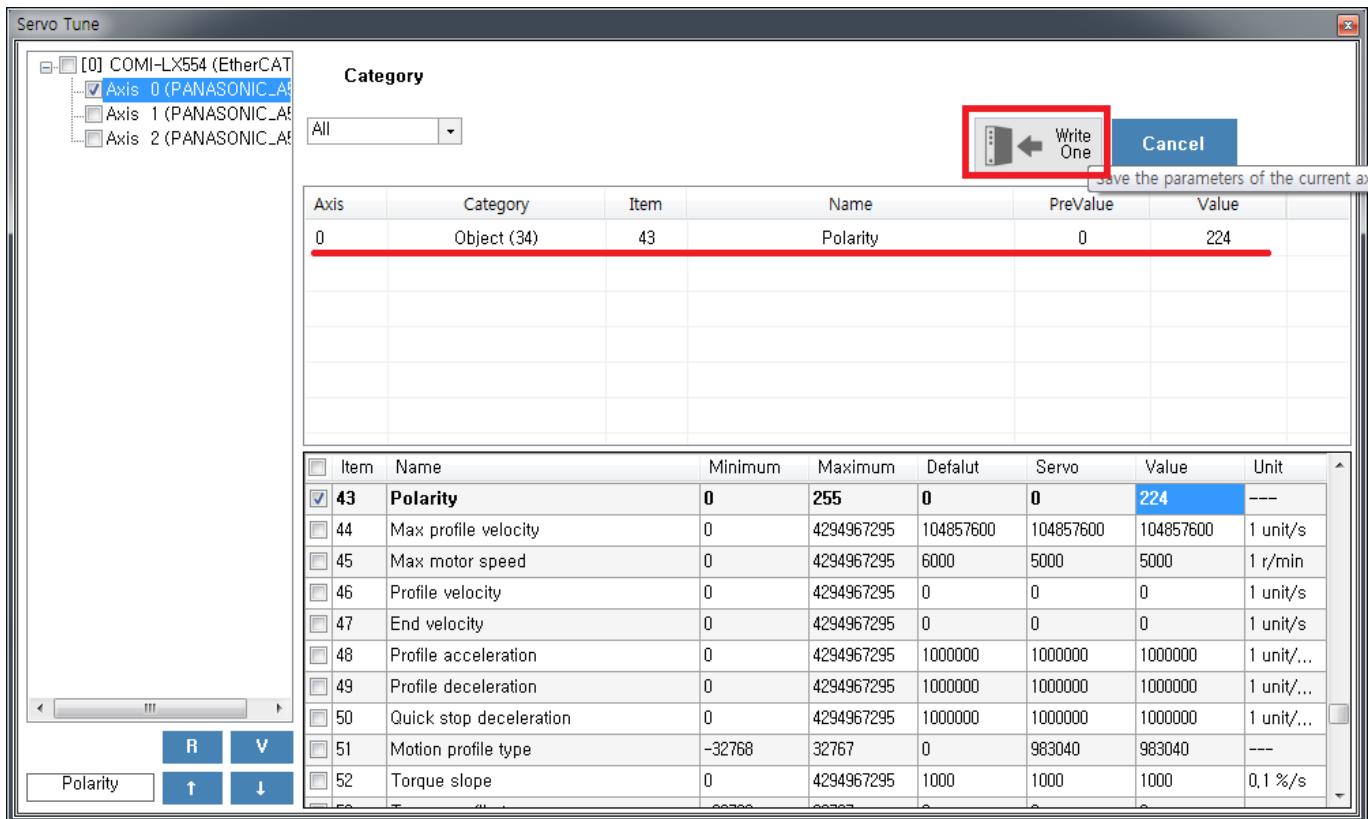
1)

0	,	,	
224	,	,	

**5 WriteOne**



## 6 WriteOne



## 7 EepRom

### 8 Log

×  
[comizoa](http://comizoa.com), [ide](#), [ethercat](#), [servotunes](#),  
 1)

From:  
<http://comizoa.com/info/> - -

Permanent link:  
[http://comizoa.com/info/doku.php?id=application:comiide:tool:servotunes:60\\_polarity&rev=1595567503](http://comizoa.com/info/doku.php?id=application:comiide:tool:servotunes:60_polarity&rev=1595567503)

Last update: **2024/07/08 18:23**