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ETS-AI08H-E Range Mode

× ETS-AI08H-E Range Mode

canon_1.pdf

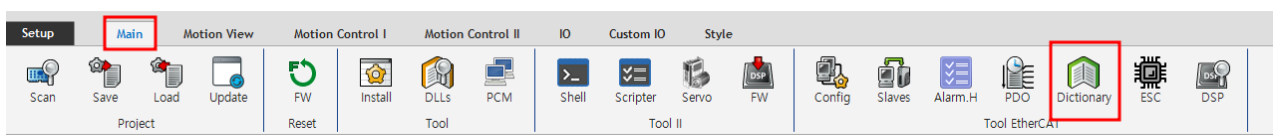
0. ETS-AI08H-E Range Mode Setting

▶ Analog Input Channel Setting (n = 0~7 : 채널 번호)

Index	Sub	Name	Value		Data Type	Flag
0x80n0	0x00	AI Setting Ch. n	0x0B		UINT8	RO
	0x01	Enable Limit 1	Limit 1 사용 여부		BOOL	RW
	0x02	Enable Limit 2	Limit 2 사용 여부		BOOL	RW
	0x03	Analog Type	0	Voltage Type	BOOL	RW
			1	Current Type		
	0x09	Range Mode	0	-10.24 ~ 10.24 (V)	BIT5	RW
			1	-5.12 ~ 5.12 (V)		
			2	-2.56 ~ 2.56 (V)		
			3	0 ~ 10.24 (V)		
			4	0 ~ 5.12 (V)		
			5	4 ~ 20 (mA)		
			6	0 ~ 20 (mA)		
			7	0 ~ 24 (mA)		
	0x0A	Limit1 Value	Limit 1 값		INT32	RW
	0x0B	Limit2 Value	Limit 2 값		INT32	RW

1. ComiIDE Dictionary

1. ComiIDE Dictionary



- Main - Dictionary

2.

Object Dictionary

02 : [0202] AES-CBC-AIO

Update Interval1000

Config

EtherCAT
Net 0
00 : [02FF] MASTER-DC
01 : [0201] AES-CBC-DIO
02 : [0202] AES-CBC-AIO

Index	Name	Type	Size	Value	Value_Hex	Flag
0x1000	Device type	UDINT	4	791433	0xC1389	
0x1008	Device name	STRING(10)	10	AES-CBC-AI		
0x1009	Hardware version	STRING(4)	4	v1.0		
0x100A	Software version	STRING(8)	8	v1.0.0.0		
0x1018	Identity	DT1018	18			
0x1600	AO RxPDO-Map	DT1600	50			
0x1A00	AI TxPDO-Map00	DT1A00	38			
0x1A01	AI TxPDO-Map01	DT1A00	38			
0x1A02	AI TxPDO-Map02	DT1A00	38			
0x1A03	AI TxPDO-Map03	DT1A00	38			
0x1A04	AI TxPDO-Map04	DT1A00	38			
0x1A05	AI TxPDO-Map05	DT1A00	38			
0x1A06	AI TxPDO-Map06	DT1A00	38			
0x1A07	AI TxPDO-Map07	DT1A00	38			
0x1A08	AI TxPDO-Map08	DT1A00	38			
0x1A09	AI TxPDO-Map09	DT1A00	38			
0x1A0A	AI TxPDO-Map10	DT1A00	38			
0x1A0B	AI TxPDO-Map11	DT1A00	38			
0x1A20	AI(SOL) TxPDO-Map00	DT1A00	38			
0x1A21	AI(SOL) TxPDO-Map01	DT1A00	38			
0x1A22	AI(SOL) TxPDO-Map02	DT1A00	38			
0x1A23	AI(SOL) TxPDO-Map03	DT1A00	38			

Index OrderID Order

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(ETS-AI08H-E

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3. Range

Object Dictionary

02 : [0202] AES-CBC-AIO

Update Interval1000

Config

EtherCAT
Net 0
00 : [02FF] MASTER-DC
01 : [0201] AES-CBC-DIO
02 : [0202] AES-CBC-AIO

Index	Name	Type	Size	Value	Value_Hex	Flag
0x7210	Analog(SOL) Output Channel 1	DT7000	4			
0x7220	Analog(SOL) Output Channel 2	DT7000	4			
0x7230	Analog(SOL) Output Channel 3	DT7000	4			
0x7240	Analog(SOL) Output Channel 4	DT7000	4			
0x7250	Analog(SOL) Output Channel 5	DT7000	4			
0x7260	Analog(SOL) Output Channel 6	DT7000	4			
0x7270	Analog(SOL) Output Channel 7	DT7000	4			
0x8000	Analog Input Setting Ch.0	DT8000	24			
0x0	SubIndex 000	USINT	1	11	0xB	
0x1	Enable Limit1	BOOL	0	0	0x0	
0x2	Enable Limit2	BOOL	0	0	0x0	
0x9	Range Mode	DT8001EN	1	0	0x0	
0xA	Limit1 Value	DINT	4	0	0x0	
0xB	Limit2 Value	DINT	4	0	0x0	
0x8010	Analog Input Setting Ch.1	DT8000	24			
0x8020	Analog Input Setting Ch.2	DT8000	24			
0x8030	Analog Input Setting Ch.3	DT8000	24			
0x8040	Analog Input Setting Ch.4	DT8000	24			
0x8050	Analog Input Setting Ch.5	DT8000	24			
0x8060	Analog Input Setting Ch.6	DT8000	24			
0x8070	Analog Input Setting Ch.7	DT8000	24			
0x8080	Analog Input Setting Ch.8	DT8000	24			

Index OrderID Order

• 0x80n0

Analog Input Channel Setting

(n)

Object Dictionary

02 : [0202] AES-CBC-AIO

EtherCAT

Net 0

00 : [02FF] MASTER-DC

01 : [0201] AES-CBC-DIO

02 : [0202] AES-CBC-AIO

Update Interval 1000

Config

Index	Name	Type	Size	Value	Value_Hex	Flag
0x7210	Analog(SOL) Output Channel 1	DT7000	4			
0x7220	Analog(SOL) Output Channel 2	DT7000	4			
0x7230	Analog(SOL) Output Channel 3	DT7000	4			
0x7240	Analog(SOL) Output Channel 4	DT7000	4			
0x7250	Analog(SOL) Output Channel 5	DT7000	4			
0x7260	Analog(SOL) Output Channel 6	DT7000	4			
0x7270	Analog(SOL) Output Channel 7	DT7000	4			
0x8000	Analog Input Setting Ch.0	DT8000	24			
0x0	SubIndex 000	USINT	1	11	0xB	
0x1	Enable Limit1	BOOL	0	0	0x0	
0x2	Enable Limit2	BOOL	0	0	0x0	
0x9	Range Mode	DT8001EN	1	0	0x0	
0xA	Limit1 Value	DINT	4	0	0x0	
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0x8030	Analog Input Setting Ch.3	DT8000	24			
0x8040	Analog Input Setting Ch.4	DT8000	24			
0x8050	Analog Input Setting Ch.5	DT8000	24			
0x8060	Analog Input Setting Ch.6	DT8000	24			
0x8070	Analog Input Setting Ch.7	DT8000	24			
0x8080	Analog Input Setting Ch.8	DT8000	24			

Index OrderID Order

• Value

Object Dictionary

02 : [0202] AES-CBC-AIO

EtherCAT

Net 0

00 : [02FF] MASTER-DC

01 : [0201] AES-CBC-DIO

02 : [0202] AES-CBC-AIO

Update Interval 1000

Config

Index	Name	Type	Size	Value	Value_Hex	Flag
0x7210	Analog(SOL) Output Channel 1	DT7000	4			
0x7220	Analog(SOL) Output Channel 2	DT7000	4			
0x7230	Analog(SOL) Output Channel 3	DT7000	4			
0x7240	Analog(SOL) Output Channel 4	DT7000	4			
0x7250	Analog(SOL) Output Channel 5	DT7000	4			
0x7260	Analog(SOL) Output Channel 6	DT7000	4			
0x7270	Analog(SOL) Output Channel 7	DT7000	4			
0x8000	Analog Input Setting Ch.0	DT8000	24			
0x0	SubIndex 000	USINT	1	11	0xB	
0x1	Enable Limit1	BOOL	0	0	0x0	
0x2	Enable Limit2	BOOL	0	0	0x0	
0x9	Range Mode	DT8001EN	1	6	0x0	
0xA	Limit1 Value	DINT	4	0	0x0	
0xB	Limit2 Value	DINT	4	0	0x0	
0x8010	Analog Input Setting Ch.1	DT8000	24			
0x8020	Analog Input Setting Ch.2	DT8000	24			
0x8030	Analog Input Setting Ch.3	DT8000	24			
0x8040	Analog Input Setting Ch.4	DT8000	24			
0x8050	Analog Input Setting Ch.5	DT8000	24			
0x8060	Analog Input Setting Ch.6	DT8000	24			
0x8070	Analog Input Setting Ch.7	DT8000	24			
0x8080	Analog Input Setting Ch.8	DT8000	24			

Index OrderID Order

• Enter

Object Dictionary

02 : [0202] AES-CBC-AIO

EtherCAT

Net 0

00 : [02FF] MASTER-DC

01 : [0201] AES-CBC-DIO

02 : [0202] AES-CBC-AIO

Index Order

ID Order

Update Interval 1000

Config

Index	Name	Type	Size	Value	Value_Hex	Flag
0x7210	Analog(SOL) Output Channel 1	DT7000	4			
0x7220	Analog(SOL) Output Channel 2	DT7000	4			
0x7230	Analog(SOL) Output Channel 3	DT7000	4			
0x7240	Analog(SOL) Output Channel 4	DT7000	4			
0x7250	Analog(SOL) Output Channel 5	DT7000	4			
0x7260	Analog(SOL) Output Channel 6	DT7000	4			
0x7270	Analog(SOL) Output Channel 7	DT7000	4			
0x8000	Analog Input Setting Ch.0	DT8000	24			
0x0	SubIndex 000	USINT	1	11	0xB	
0x1	Enable Limit1	BOOL	0	0	0x0	
0x2	Enable Limit2	BOOL	0	0	0x0	
0x9	Range Mode	DT8001EN	1	6	0x6	
0xA	Limit1 Value	DINT	4	0	0x0	
0xB	Limit2 Value	DINT	4	0	0x0	
0x8010	Analog Input Setting Ch.1	DT8000	24			
0x8020	Analog Input Setting Ch.2	DT8000	24			
0x8030	Analog Input Setting Ch.3	DT8000	24			
0x8040	Analog Input Setting Ch.4	DT8000	24			
0x8050	Analog Input Setting Ch.5	DT8000	24			
0x8060	Analog Input Setting Ch.6	DT8000	24			
0x8070	Analog Input Setting Ch.7	DT8000	24			
0x8080	Analog Input Setting Ch.8	DT8000	24			

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Range mode

2. SDO Write

1. Slave

SetupMainMotion ViewMotion Control IMotion Control IIOCustom IOStyle

ScanSaveLoadUpdate

FWInstallDLLsPCM

ShellScripterServoFW

ConfigSlavesAlarm.HPDODictionaryESC

DSP

ProjectResetToolTool IITool EtherCAT

• Main - Slave

2.

Slave RW

02 : [0202] AES-CBC-AIO

EtherCAT

Net 0

- 00 : [02FF] MASTER-DC
- 01 : [0201] AES-CBC-DIO
- 02 : [0202] AES-CBC-AIO

Index Order

ID Order

EEPROM

CoE SDO

Register

Update

Address

Size

Value

Decimal0

RenewCRC

Read

Write

3. SDO Write Range Mode

Slave RW

02 : [0202] AES-CBC-AIO

EtherCAT

Net 0

- 00 : [02FF] MASTER-DC
- 01 : [0201] AES-CBC-DIO
- 02 : [0202] AES-CBC-AIO

Index Order

ID Order

EEPROM

CoE SDO

Register

Update

Index

Sub Index

Size

Value

Decimal0

Read

Write

• CoE SDO

- - <http://comizoa.co.kr/info/>

Slave RW

02 : [0202] AES-CBC-AIO

EtherCAT

- Net 0
 - 00 : [02FF] MASTER-DC
 - 01 : [0201] AES-CBC-DIO
 - 02 : [0202] AES-CBC-AIO

Index OrderID Order

EEPROMCoE SDORegisterUpdate

Index0x8000

Sub Index9

Size1

Value6

Decimal6

Read

Write

- Index 0x80n0 (n)
- SubIndex 9 (Range Mode)
- Size 1 (1byte)
- Value RangeMode
- Write

Slave RW

02 : [0202] AES-CBC-AIO

EtherCAT

- Net 0
 - 00 : [02FF] MASTER-DC
 - 01 : [0201] AES-CBC-DIO
 - 02 : [0202] AES-CBC-AIO

Index OrderID Order

EEPROMCoE SDORegisterUpdate

Index0x8000

Sub Index9

Size1

Value0x6

Decimal6

Read

Write

- Read

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