

IAI X-SEL CONTROLLER-SSE

Website: <http://www.iai-robot.co.jp/>

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	IAI X-SEL CONTROLLER-SSE		
PLC I/F	RS232		
Baud rate	9600	9600~19200	
Data bits	8	7 or 8	
Parity	None	Even, Odd, None	
Stop bits	1	1 or 2	
PLC sta. no.	0		

Device Address:

Bit/Word	Device type	Format	Range	Memo
B	IP_Bit	DDD	0 ~ 299	
B	OP_Bit	DDDdd	30000 ~ 57215	
B	FG_Bit	DDDDDDdd	0 ~ 12899915	
B	AX1Status	D	0 ~ 8	
B	AX2Status	D	0 ~ 8	
B	AX3Status	D	0 ~ 8	
W	IP	DDD	0 ~ 272	
W	OP	DDD	300 ~ 572	
W	FG	DDDDDD	0 ~ 128999	
W	PDT	D	0	
W	INT	DDDDDDDD	0 ~ 1281299	
W	RL	DDDDDDDD	0 ~ 1281399	
W	STR	DDDDDD	0 ~ 128998	
W	AX1Sensor	D	0	
W	AX2Sensor	D	0	
W	AX3Sensor	D	0	
W	AX1Error	D	0	
W	AX2Error	D	0	
W	AX3Error	D	0	
W	AX1Encode	D	0	

Bit/Word	Device type	Format	Range	Memo
W	AX2Encode	D	0	
W	AX3Encode	D	0	
W	AX1Positio23	D	0	
W	AX2Positio24	D	0	
W	AX3Positio25	D	0	
W	PGStatus	DDD	0 ~ 255	
W	PGStepNo	DDD	0 ~ 255	
W	PGError	DDD	0 ~ 255	
W	PGErrorNo	DDD	0 ~ 255	
W	SYST	D	0 ~ 6	
W	VR	HHH	0 ~ 3FF	
W	ER0	HHHH	0 ~ FFFF	
W	ER1	HHHH	0 ~ FFFF	
W	ER2	HHHH	0 ~ FFFF	
W	ER3	HHHH	0 ~ FFFF	
W	ER4	HHHH	0 ~ FFFF	
W	ER5	HHHH	0 ~ FFFF	
W	ER6	HHHH	0 ~ FFFF	
W	ER7	HHHH	0 ~ FFFF	
W	SV	D	0	
W	RO	D	0 ~ 3	
W	ACM	D	0	
W	RCM	D	0	
W	JIM	D	0	
W	PNM	D	0	
W	PD_Set	D	0	
W	PCLR	DDDDDD	0 ~ 999999	
W	AR0	D	0	
W	PR_253	DDD	0 ~ 128	
W	PR_254	DDD	0 ~ 128	
W	PR_255	DDD	0 ~ 128	
W	PR_256	DDD	0 ~ 128	
W	PR_257	DDD	0 ~ 128	
W	SR0	D	0	
W	OPR0	D	0	
W	ChSpd	D	0	
W	Stop_CanI	D	0 ~ 1	
W	PD2_1Valu	D	0 ~ 7	

Bit/Word	Device type	Format	Range	Memo
W	PD2_2Valu	D	0 ~ 7	
W	PD2_3Valu	D	0 ~ 7	
W	PD2_5Valu	D	0 ~ 7	
W	PD2_6Valu	D	0 ~ 7	
W	PD1_1Valu	D	0 ~ 7	
W	PD1_2Valu	D	0 ~ 7	
W	PD1_3Valu	D	0 ~ 7	
W	PD1_4Valu	D	0 ~ 7	
W	PD1_5Valu	D	0 ~ 7	
W	PD3_1Valu	D	0 ~ 7	
W	PD3_2Valu	D	0 ~ 7	
W	PD3_3Valu	D	0 ~ 7	
W	PD3_4Valu	D	0 ~ 7	
W	PD3_5Valu	D	0 ~ 7	

Note: ddd: Decimal, hhh: Hexadecimal, ooo: Octal.

Each model of CPU is different; it is recommended to refer to PLC Manual Device List.

Wiring Diagram:

RS-232

The serial port pin assignments may vary between HMI models, please click the following link for more information.

