

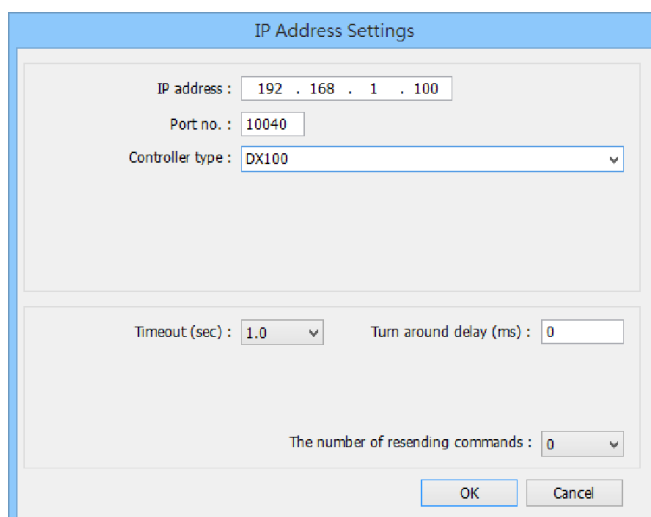
# YASKAWA DX100/DX200/FS100/YRC1000 Robot Controller (Ethernet)

Supported Series: YASKAWA controller type DX100, FS100, DX200, YRC1000

Website: <http://www.yaskawa.com/>

## HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	YASKAWA DX100/DX200/FS100/YRC1000 Robot Controller (Ethernet)		
PLC I/F	Ethernet (UDP)		
Port no.	10040		
Controller type	DX100	DX100, FX100, DX200, YRC1000	



## Device Address:

Bit/Word	Device type (Command)	Format	Range
B	Status_Bit	DDDDDDDDdd	0 ~ 163836331
B	Robot_Position_Bit	DDDDDDDDdd	0 ~ 163836331
B	IO_Data_Bit	DDDDDo	0 ~ 163837
B	Register_Data_Bit	DDDDDDdd	0 ~ 1638315
B	B_Bit	DDDDDo	0 ~ 163837
B	I_Bit	DDDDDDdd	0 ~ 1638315
B	D_Bit	DDDDDDdd	0 ~ 1638331
B	R_Bit	DDDDDDdd	0 ~ 1638331

Bit/Word	Device type (Command)	Format	Range
B	P_Bit	DDDDDDDDdd	0 ~ 163836331
W	Administration_Hour	DDDDDDDDDD	0 ~ 163836300
W	Alarm	DDDDDDDDDD	0 ~ 163836300
W	Alarm_Detailed	DDDDDDDDDD	0 ~ 163836300
W	Alarm_History	DDDDDDDDDD	0 ~ 163836300
W	Alarm_History_Detailed	DDDDDDDDDD	0 ~ 163836300
W	Axis_Composition	DDDDDDDDDD	0 ~ 163836300
W	B	DDDDD	0 ~ 16383
W	BP	DDDDDDD	0 ~ 163363
W	D	DDDDD	0 ~ 16383
W	Axis_Position_Deflection	DDDDDDD	0 ~ 1638363
W	Each_Shaft_Torque	DDDDDDD	0 ~ 1638363
W	EX	DDDDDDD	0 ~ 1638363
W	I	DDDDD	0 ~ 16383
W	IO_Data	DDDDD	0 ~ 16383
W	Job_Information	DDDDDDDDDD	0 ~ 163836300
W	Job_Select	DDDDDDDDDD	0 ~ 163836300
W	On_Off	DDDDD	0 ~ 16383
W	P	DDDDDDD	0 ~ 1638363
W	R	DDDDD	0 ~ 16383
W	Register_Data	DDDDD	0 ~ 16383
W	Reset_Cancellation	DDDDD	0 ~ 16383
W	Robot_Position	DDDDDDD	0 ~ 1638363
W	S	DDDDDDD	0 ~ 1638300
W	Start	DDDDDDD	0 ~ 1638363
W	State_Switch	DDDDD	0 ~ 16383
W	Status	DDDDDDD	0 ~ 1638363
W	String_Display_To_Pendant	DDDDDDD	0 ~ 1638300
W	System_Information	DDDDDDDDDD	0 ~ 163836300
W	S_32BYTE	DDDDDDD	0 ~ 1638300
W	Move_Instruction_Cartesian	DDDDDDD	0 ~ 1638300
W	Move_Instruction_Pluse	DDDDDDD	0 ~ 1638300

## Wiring Diagram:

### Ethernet cable

