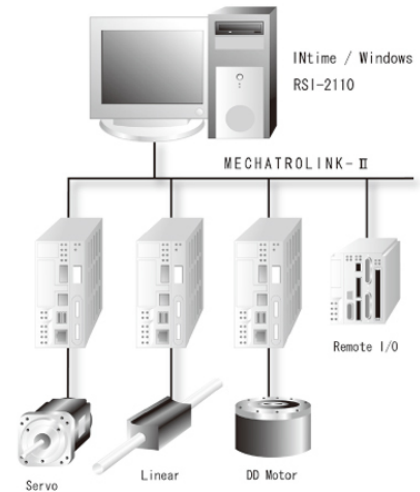


## Features

RSI-2110 is a driver software for INtime (Real-time extension for Windows) of the motion controller (MP2110/MP2110M) made by YASKAWA. MP2110/MP2110M are the motion controller built-in the PCI/Compact PCI bus of the host computer. It can control the drive equipment and the I/O equipment at high speed via MECHATROLINK- II network.

- Super-high precision and advanced high-speed motion control Controlling position, speed and torque with high accuracy of synchronization are capable with the MECHATROLINK- II network. Online switching of control mode is available and complex machine behaviour can be realized.
- Powerful motion-control functions  
More than 40 of motion-control APIs in C language help users to create an application program.
- High extensibility  
MP2110 can control maximum 21 stations whereas MP2110M can do maximum 42. It is flexible to choose out the stations and decide how many axes to use for servo or I/O.
- Work on INtime (Realtime OS)  
By combination with INtime, a deterministic hard-realtime capability is capable on a personal computer system.



## Specifications

Item	Specifications	
	MP2110	MP2110M
FieldNetwork	MECHATROLINK- I / MECHATROLINK- II	
Channels	1	2
Number of control axis	each 21 channels (Servo axis or I/O)	
Control performance	Each cannel 6 axes/0.5ms (Communication cycle) 15 axes/1ms (Communication cycle) 21 axes/2ms (Communication cycle)	
Local DIO	Digital Input 5 channels, Digital Output 4 channels	
Connectable equipment	Servo, Linear, DDmotor, Inverter, other various I/O	

## MECHATROLINK specifications

		M- I	M- II	
		17-byte	17-byte	32-byte
Command	Servo	×	×	×
	Stepping Motor Drivers	×	×	×
	Intelligent I/O	×	×	×
	Simple I/O	×	×	×
	Inverter	×	×	×
Transmission cycle		2ms	0.5ms, 1ms, 2ms	

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