

Micronet Co.

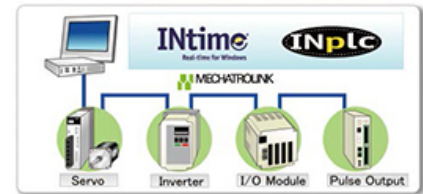
RSI-2111T/RSI-2111TM

(MECHATROLINK-III driver for INtime)

Features

RSI-2111T/RSI-2111TM is a driver software of YASKAWA motion controllers (MP2111T/MP2111TM) for INtime (Realtime extension OS for Windows).

- Super-high precision and Advanced high-speed motion control The control performance has been improved by speeding up of CPU and the motion network (MECHATROLINK). You can realize advanced high-speed controls such as 1 ms / 21 axes, 0.5 ms / 14 axes, 0.25 ms / 8 axes. You can realize synchronous controls with high accuracy since controlling position, speed and torque is possible with MECHATROLINK-III network.
You can refer to latest monitoring data at any time since all monitoring data on shared memories are undated per each communication.
- You can dissolve timing slippage between changing adjustable-speed and positioning instructions since it's possible to instruct adjustable-speed per a positioning instruction.
- Powerful PC motion-control functions
More than 40 kinds of motion-control APIs help users to create PC application programs with C language and so on.
- High extensibility
You can mount a maximum of 4 machine controller boards to 1 host PC. 1 machine controller board can control a maximum of 21 stations. Among them you are free to select how you control servo or I/O...



Specifications

Item	Specifications	
	MP2111	MP2111TM
FieldNetwork	MECHATROLINK-III	
Number of channels	1	2
Number of control axis	Each channel - 21 axes (Servo axis or I/O)	
Control performance	Each channel - 8 axes / 0.25 ms (Communication cycle) - 14 axes / 0.5 ms (Communication cycle) - 21 axes / 1 ms (Communication cycle)	
Available equipment	Servo, Linear, DDmotor, Inverter, other various IO	

MECHATROLINK specifications

		M-III			
		16-byte	32-byte	48-byte	64-byte
Profile	Standard servo	-	×	×	-
	Standard I/O	×	×	×	×
	Standard Stepping Motor Drivers	-	-	-	-
	Standard Inverter	-	-	-	-
Transmission cycle		250μs, 500μs, 1ms, 2ms			

Contact Information

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