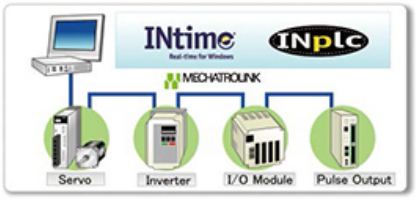
Micronet Co.

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 communicaton.
  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.
- Hight 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 axex (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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