

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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