

# KOYO ELECTRONICS INDUSTRIES CO., LTD.

## MECHATROLINK MODULE for DL205 series

### D2-MLINK

#### Features

- Achieved the motion control function by the small PLC.
- By installing D2-MLINK, it is possible to connect easily with various actuators ; such as the servo motor and the stepping motors. In addition, D2- MLINK offers wiring-saving motion system.
- 15 axes can be support per one module.
- 4 modules can be installed on one system.
- Supported Straight line interpolation and Circle interpolation
- Easy operation by only setting the parameter in the data memory of PLC.
- It corresponds to various control exibly supported by many command of MECHATROLINK.
- System performance will be up if D2-265 CPU used.



D2-MLINK

#### Specifications

Item	Specifications
Function	MECHATROLINK- II Master
Number of Axis to control	15 axis per module, maximum 60 axis (with four D2-MLINKs)
Maximum command value	-2,147,483,647 to +2,147,483,647
Maximum velocity value	-40,000,000 to 40,000,000
Accel/decel type	Asymmetric trapezoid or S curve
Accel/decel time	1 to 60,000ms
Emergency stop time	1 to 60,000ms
Programming language	Ladder
Command type	Absolute or incremental
Motion control functions	PTP positioning, Liner / circular interpolation, constant rate of feeding (Include an limited position axis), Zero pointing serch, Interrupt constant rate of feeding, Velocity control, Torque control

#### 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		1 to 8ms (Synchronous)		

#### Contact Information

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