

# LSIS Co., Ltd

## XGT PLC Motion control module

### Features

Motion control module adopting MECHATROLINK- II

- Transmission speed : 10Mbps
- Transmission : 1ms/1.5ms/2ms

Enhanced performance of motion synchronization

- Perfect synchronization of Max. 16 axes
- High-speed synchronous motion control by synchronizing execution period of application with transmission period of network.

Efficient system

- Wiring reduction with motion control system via network
- Enhanced stability and efficiency of system through absolute coordinate operation

Multi-function engineering tool→ M16M software package

- Providing various function from system design to maintenance
- Automatic setting of communication & servo parameter by 'Self-Configuration'



XGF-M16M

### Specifications

Item		Specifications
Control performance	Control axis	Moiton: 6 axes/1ms, MOV: 16 axes/2ms
	Data transmission time	9 axes/1 port (M II - 1ms), 15 axes/1 port (M II - 1.5ms) 16 axes/1 port (M II - 2ms), 15 axes/1 port (M II - 17byte - 1ms)
Max. number of control axis		16 axis
Max. transmission distance		50m
Count range		Signed 32 Bit (- 2,147,483,648 to 2,147,483,647)
Scan time setting		1.0 to 32.0ms (Unit: 0.5ms)
Memory capacity	RAM	32MB (SDRAM) // 512kB (SRAM)
	FLASH	8MB (Firm 2MB/User 6MB)
	User Memory	6MB
Data Trace		128kW (32kW × 4Gr)
Program language	Motion language	No. of program: 256, No. of command: about 70, No. of simultaneous execution: 16
Memory backup		FLASH
Engineering port		RS-232C × 1

### 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		1ms, 1.5ms, 2ms		

### Contact Information

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