

Application



Blossom Outdoor Theater
The Sound of Blooming



HIWIN®



HIWIN®

Global Sales And Customer Service Site

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HIMC Multi-Axis Motion Controller

The key to HIWIN MIKROSYSTEM motion control total solution

HIMC

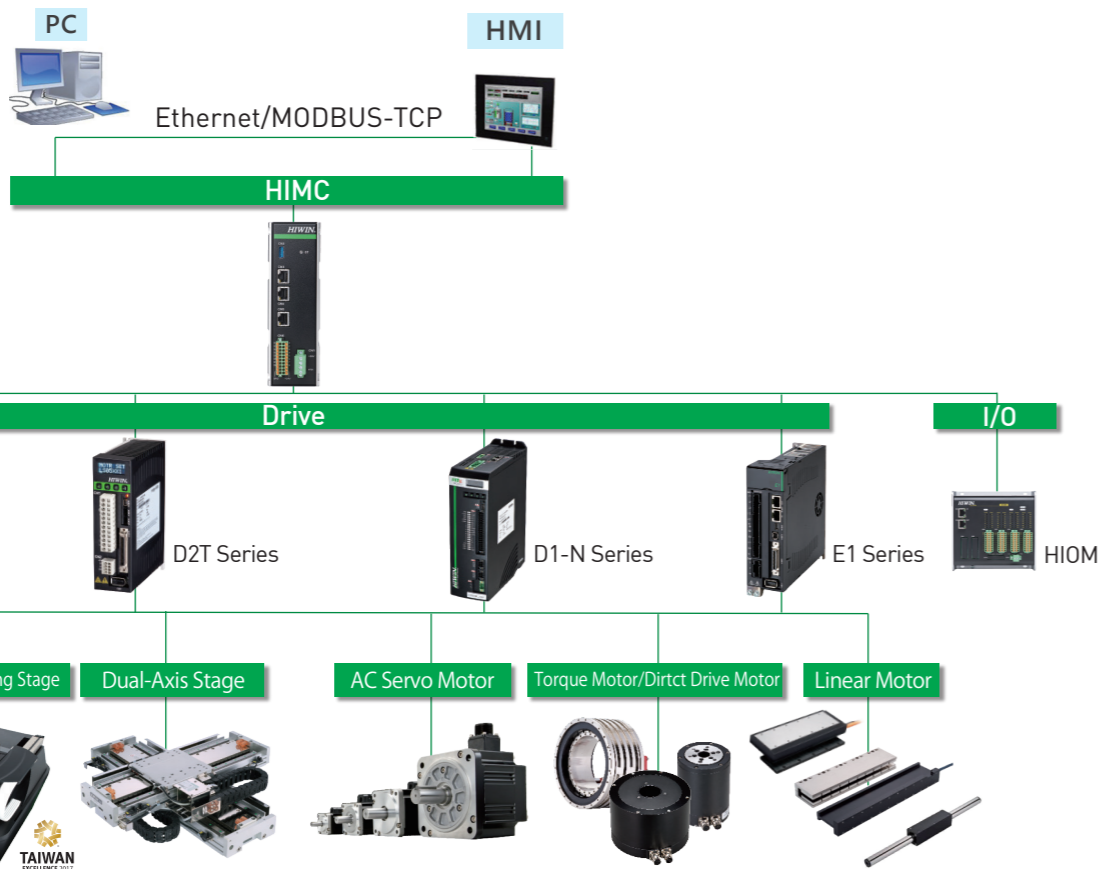
Multi-axis motion controller for demanding industrial applications.

- 16 fully synchronized axes
- Up to 250us controller cycle time
- 10/100/1000 Mbps Ethernet/IP host communication
- Multi-tasking HMPL programming language with maximum 64 user tasks
- Programming library for C/C++/C#/LabVIEW/Python
- Support all mega-ulink 2.0 compatible drive and I/O modules
- CE/UL certified.



HIOM

Extension I/O module for HIMC.



Ordering Information

Model	MC	Maximum number of axes	Hardware options	Additional features
HIMC	MC	16	01	00 - 00
		16: Up to 16 synchronized slaves	01: Intel® Celeron® Bay Trail J1900	00-00: General Functions Others: (when available)

Model	HIOM	Number of Digital Input / Output	Output wiring	Additional features
HIOM	HIOM	D32	1	01
		D32: 32 in and 32 out	0: Sink 1: Source	01: Standard XX: Customized

Product Dimension

Item	Specifications
Main power input	DC 24V, 0.6A
Host Communication	- 2x Ethernet ports: 10/100/1000 Base-T Ethernet TCP/IP - Modbus-TCP and ASCII command
Maximum slave	Up to 16 slaves (HIWIN servo drive and I/O module)
Cycle time	250us
Motion control	- Single axis motion: point-to-point, JOG motion - Group interpolation: multi-axis linear, circular interpolation
Accuracy compensation	1D/2D error mapping
User script programming	HMPL (HIWIN Motion Programming Language) - Up to 64 tasks running in parallel - Up to 10MB memory size of user program
High level programming	Library for C/C++/C#/Lab View/Python
I/O	Built-in digital 8 input and 8 output ports

