

Application



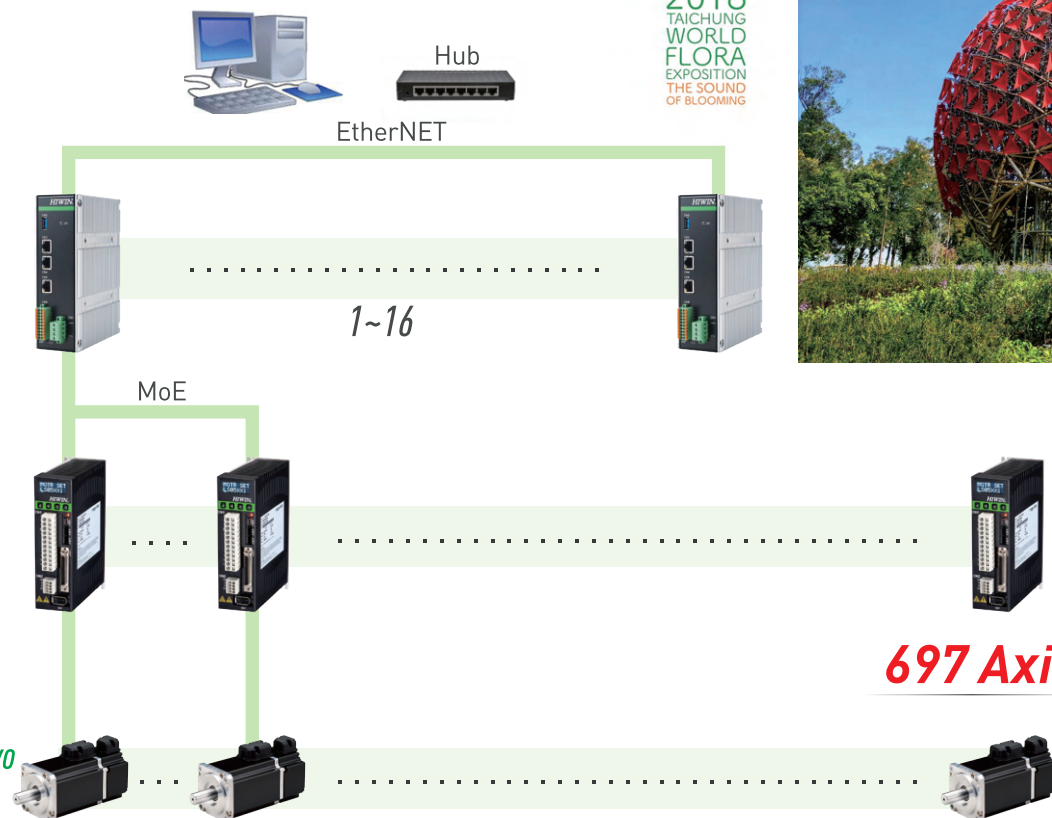
2018
TAICHUNG
WORLD
FLORA
EXPOSITION
THE SOUND
OF BLOOMING

Blossom Outdoor Theater
The Sound of Blooming

HIMC

Drive

AC Servo
Motor



697 Axis



HIWIN®



HIWIN®

HIWIN MIKROSYSTEM CORP.
No.6, Jingke Central Rd.,
Taichung Precision Machinery Park,
Taichung 408226, Taiwan
Tel: +886-4-23550110
Fax: +886-4-23550123
www.hiwinmikro.tw
business@hiwinmikro.tw

Global Sales And Customer Service Site

HIWIN GmbH
OFFENBURG, GERMANY
www.hiwin.de
www.hiwin.eu
info@hiwin.de

HIWIN Schweiz GmbH
JONA, SWITZERLAND
www.hiwin.ch
info@hiwin.ch

HIWIN KOREA
SUWON · CHANGWON, KOREA
www.hiwin.kr
info@hiwin.kr

HIWIN JAPAN
KOBE · TOKYO · NAGOYA · NAGANO ·
TOHOKU · SHIZUOKA · HOKURIKU ·
HIROSHIMA · FUKUOKA · KUMAMOTO,
JAPAN
www.hiwin.co.jp
info@hiwin.co.jp

HIWIN s.r.o.
BRNO, CZECH REPUBLIC
www.hiwin.cz
info@hiwin.cz

HIWIN CHINA
SUZHOU, CHINA
www.hiwin.cn
info@hiwin.cn

HIWIN USA
CHICAGO, U.S.A.
www.hiwin.com
info@hiwin.com

HIWIN FRANCE
STRASBOURG, FRANCE
www.hiwin.fr
info@hiwin.de

Mega-Fabs Motion Systems, Ltd.
HAIFA, ISRAEL
www.mega-fabs.com
info@mega-fabs.com

HIWIN Srl
BRUGHERIO, ITALY
www.hiwin.it
info@hiwin.it

HIWIN SINGAPORE
SINGAPORE
www.hiwin.sg
info@hiwin.sg

HIMC

Multi-Axis Motion Controller

The key to HIWIN MIKROSYSTEM motion control total solution

HIMC

Multi-axis motion controller for demanding industrial applications.

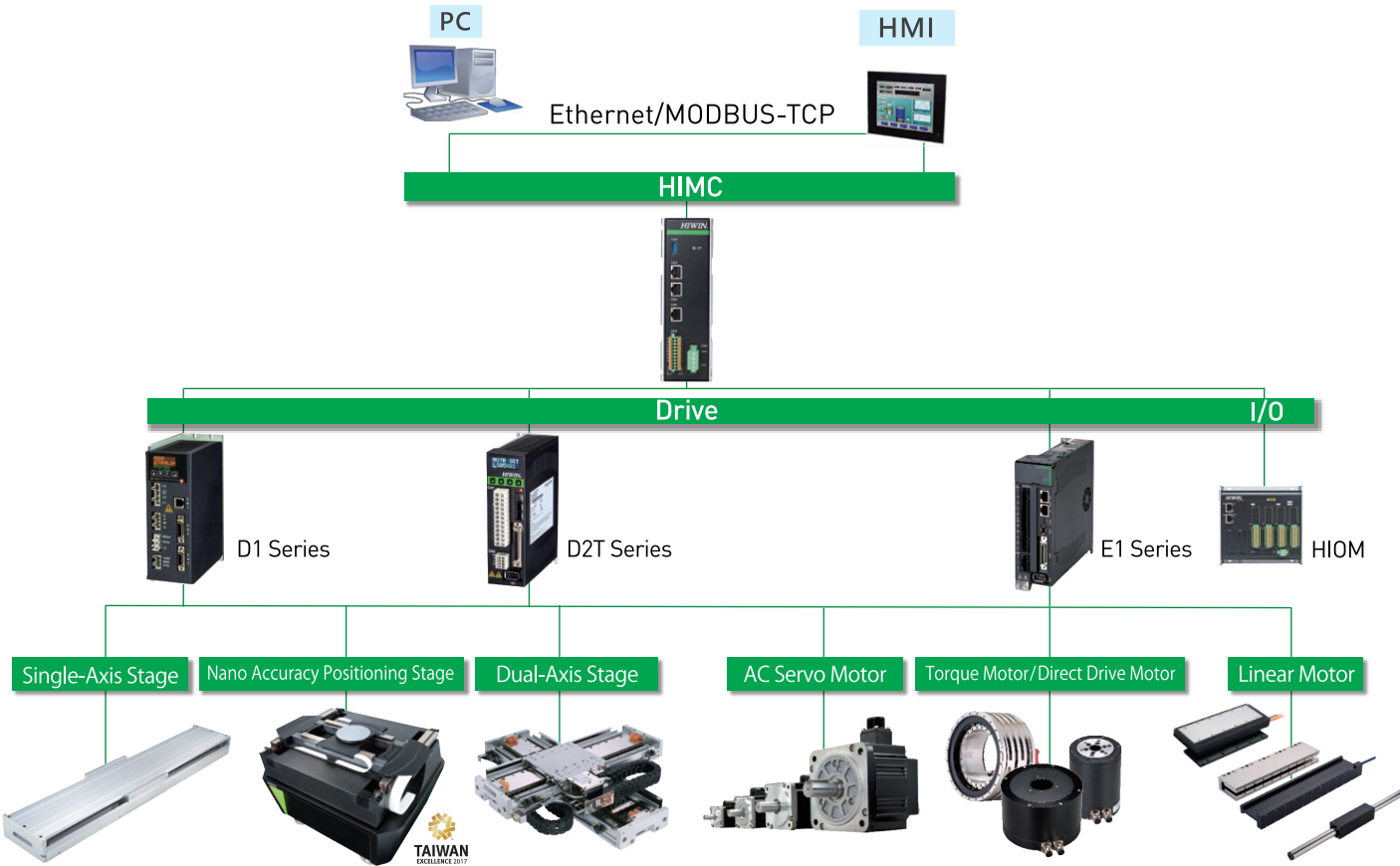


HIOM

Extension I/O module for HIMC.



- 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.



Ordering Information

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

HIOM Model	Number of Digital Input / Output			Output wiring			Additional features		
	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

