Motion control card

Master station control system



MDCC1

EtherCAT



MDCC2

EtherCAT



MDCCS

EtherCAT



MDCC4

EtherCAT

fieldbus

Convenient and fast debugging and testing functions

- Motion Assistant debugging software provides various control functions, users can easily verify and debug single-axis or multi-axis systems, and quickly debug whether various tests and actions meet the needs.

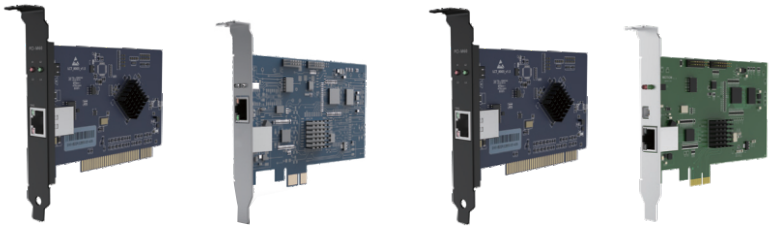
System scanning equipment

The type of the device scanned by the lower computer and the related parameters of the device.



MDCC Bus motion control card series

Product system





MDCC1 EtherCAT Master station card

MDM60

MDCC1 EtherCAT Master station card

- Up to 32 axes motion control and 1024 IO point control
- EtherCAT control cycle up to 250us
- Compatible with mainstream EtherCAT slave stations on the market
- Dedicated emergency stop input
- Single channel pulse input
- Supports up to 2-4 linear interpolation, 3D arc interpolation and spiral interpolation
- IO is compatible with LC1100 series, LCTE-MINI series and other EtherCat IO

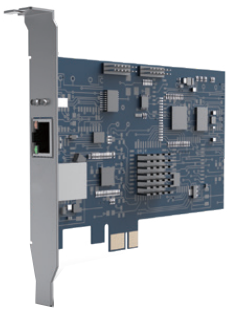


MDCC2 EtherCAT Master station card

MDM60

MDCC2 EtherCAT Master station card

- Compatible with PCI Express® x1
- Up to 32 axes motion control and 1024 I/O point control
- EtherCAT control cycle up to 250us
- Compatible with mainstream EtherCAT slave stations on the market
- Dedicated emergency stop input
- Single channel pulse input
- Support up to 2-4 linear interpolation, 3D arc interpolation and spiral interpolation








MDCC1/2 network system

MDCC1/2 motion control card

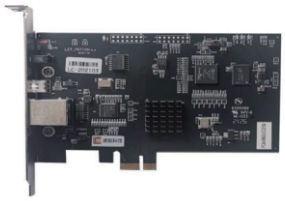
With Ether-CAT, precise control of up to 32 axes is possible, while IO control of 1024 points is supported.



The Ether-CAT network is used for control

Running on the open EtherCAT , it can freely match manufacturer's servo drive and the IO with the protocol, which is convenient and efficient to build the network system and ensure the highest efficiency of use.

EtherCAT





Distributed high-speed bus IO module

Support MDIOC IO, analog, temperature, pressure, encoder control, while supporting MDIOC-MINIIO control

Support bus driver

Supports the bus control of MDIOC series, stepper drivers, and supports third-party servo drivers.

The MDPCLe-M60 supports multiple platforms

- Operating system
  Windows 7/10 32-bit / 64-bit
- Function library
  - API libraries for I/0 control
  - VS C#
  - VB.NET, and C++
  - LabView, VB6.0 by use

  The driver comes with debugging software

C C++ C#

LabVIEW Certified Developer

Microsoft VB.net

Windows 7

Windows 8
Windows 10





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