



Catalogue of Products



Chengdu Xinhecheng Technology Co., Ltd.

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Company Profile

Certificates obtained



Chengdu XHC Technology Co., Ltd. is a high-tech enterprise focusing on wireless data transmission and motion control. The company integrates R & D, production and sales. Committed to research in the field of wireless data communications, serving customers with low-cost, high-performance, low-power product solutions.

Product series: wireless electronic handwheel, industrial remote control, numerical control remote control, motion control card, integrated numerical control system.

Company philosophy: Technology makes life better and colorful. All members of the core group take this concept as the goal and make unremitting efforts for the good life of the vast number of consumers!



CHENGDU



XINHECHENG

TECHNOLOGY CO., LTD.



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01/04 - Wireless CNC MPG

05/06 - Industrial remote control

07/08 - Program CNC remote control

09/12 - Motion control card

13/14 - Integrated CNC system

01 MPG interface wireless electronic handwheel (without E-stop)



BWGP



BWGP



SWGPs



EWGP



AWGP



MWGP(Magnetic encoder)

Features of basic wireless electronic handwheel

1. 1 MPG signal output: support differential or non-differential, point-to-point output
2. 1 axis selection: 5-axis switch output, 1 multiplier band switch output
3. Support LCD display of incremental numbers of MPG
4. Support up to 5 axis
5. Wireless transmission is 40 meters, barrier-free and free operation, 32 devices are used at the same time without interference

02 MPG interface wireless electronic handwheel (with E-stop)



STWGP



AWGP-3



ATWGP



CTWGP



XWGP



MTWGP(Magnetic encoder)

1. 1 MPG signal output: support differential, 24V, source, drain output
2. 1 axis selection: 6-axis switch output, 1 multiplying band switch output
3. Maximum support 6 key switch output
4. Support emergency stop relay output or incremental display output
5. With enable relay output
6. Support shaft selection encoding output, rate encoding output;
7. Support up to 7 axis
8. Wireless transmission 60 meters, barrier-free and free operation, 32 devices can be used at the same time without interference

Wireless CNC MPG

03 MPG interface wireless electronic handwheel



CWGP-K11

- 1.1 MPG signal outputs: support differential, 24V, primary, drain output
- 2.1 axis selection: 6-axis switch output, 1 override switch output
3. Support LCD to display incremental numbers of MPG
4. Wireless transmission, free operation at 40 meters without obstacle
5. Support 11 switch output



CWGP-F10

- 1.1 MPG signal outputs: support differential, 24V, primary, drain output
- 2.1 axis selection: 6-axis switch output, 1 override switch output
3. Support LCD to display incremental numbers of MPG
4. Wireless transmission, free operation at 40 meters without obstacle
5. Supports the function of automatically finding the workpiece center

04 USB interface wireless electronic handwheel



WHB03B

(Suitable for NC studio)



WHB04B-4

(Suitable for MACH3 system)



WHB04B-6

- 1.1 pulse generators: transmitted to the system via USB interface
- 2.13 keys: transfer to system via USB interface
- 3.2 7-speed band switches: transmitted to the system via USB interface
4. With LCD display: transmission via USB interface, user-defined display content
5. Wireless operation: 40m free operation without obstacles
6. Support 2 developments: Provide DLL library for user 2 developments

05 USB+MPG interface wireless electronic handwheel



WHB03BE (Suitable for NC studio)

- 1.1 pulse generators: transfer to the system via USB interface; support MPG signal pulse output at the same time
- 2.13 keys: transfer to system via USB interface
- 3.2 7-speed band switches: transmitted to the system via USB interface
4. With LCD display: transmission via USB interface, user-defined display content
5. Wireless operation: 40m free operation without obstacles
6. Support 2 developments: Provide DLL library for user 2 developments

Industrial remote control

01 One analog output industrial remote control



DH02S DH02S-AT DH02ST DH02S01 DH02S04R DH02S04R-T DH12S-1W-9K

- 1. Waterproof; adapt to harsh environment
- 2. 1 analog output: can control the speed of one inverter
- 3. Support 4 digital relay output
- 4. With LCD display inverter speed value

02 2-way output industrial remote control



DH12S-2W-4K DH12S-2R-4K DH12S-2W-6K DH12S-2W-8K DH22-2W-18K DH12S-12K DH12S-3W-4K

- 1. Waterproof; adapt to harsh environment
- 2. Can control the speed of 2 inverters
- 3. Support 12 way switch output
- 4. With LCD display 2 inverter speed value

03 3 analog outputs



DH22-3W-14K

- 1. 14-way switch output control
- 2. 3 analog output control
- 3. 1 E- stop signal output

04 4 analog output industrial remote control



DH01-4W-25K DH01P DH22-4W-12K DH01R

- 1. 2 analog output: can control the speed of 2 inverters
- 2. 2 Potentiometer output: can control welding current and voltage of electric welding machine
- 3. Supports 25 digital relay outputs
- 4. With LCD display speed value of 2 channels of inverter;
- 5. With 2 analog inputs: can display the actual value of welding current and voltage



Program CNC remotecontrol

01 LCD CNC remote control



PHB02B



PHB04B-4



PHB04B-6



PHB02SC

- 1.Support up to 32 key switch output
- 2.The receiver supports switching output, or USB output, or serial output
- 3.Support up to 10 LED indicators, users can freely define the LED indicator status
- 4.Wireless operation: 40 meters free operation without obstacles
- 5.Support 2 developments: Provide DLL library for user 2 developments

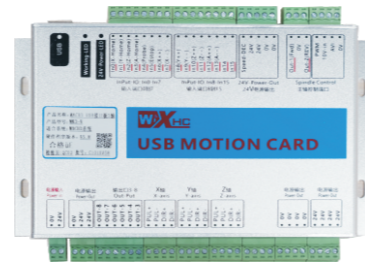
02 Button type CNC remote control



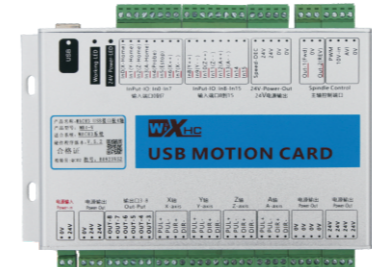
PHB02

- 1.Support up to 32 key switch output
- 2.The receiver supports switching output, or USB output, or serial output
- 3.Support up to 10 LED indicators, users can freely define the LED indicator status
- 4.Wireless operation: 40 meters free operation without obstacles
- 5.Support 2 developments: Provide DLL library for user 2 developments

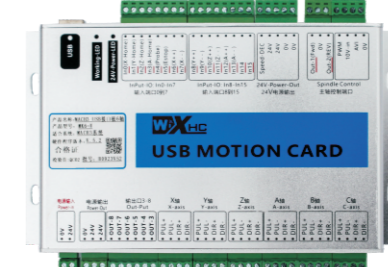
01 USB interface motion control card



MK3-V



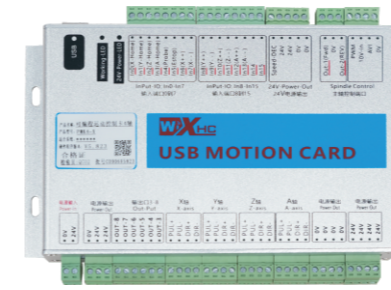
MK4-V



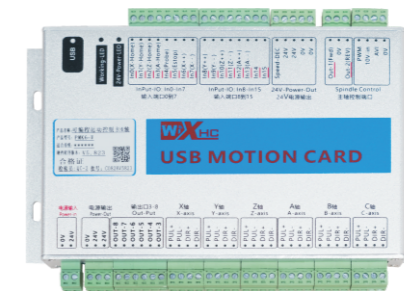
MK6-V



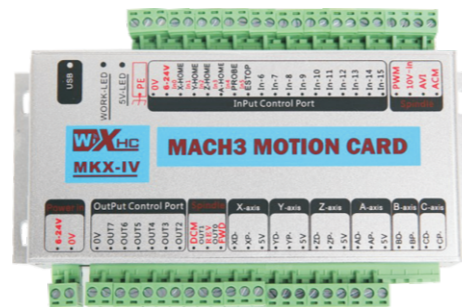
PMK3-V



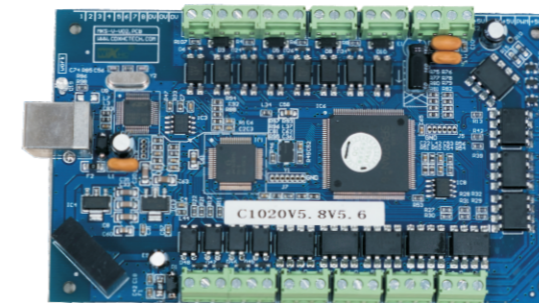
PMK4-V



PMK6-V



MKX-IV

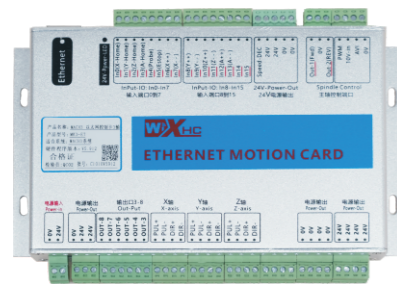


MKSX-V

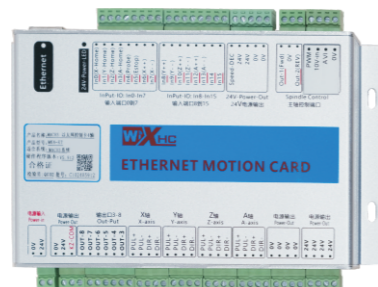
Motion control card

1. Supports up to 6-axis motion control
2. Support up to 16 input ports
3. Support up to 8 output ports
4. Support 1 analog output to realize inverter spindle control
5. Using USB interface, easy to use and flexible
6. Support wireless electronic handwheel operation
7. Support 2 developments: Provide DLL library for user 2 developments
8. Support MACH3 CNC system software

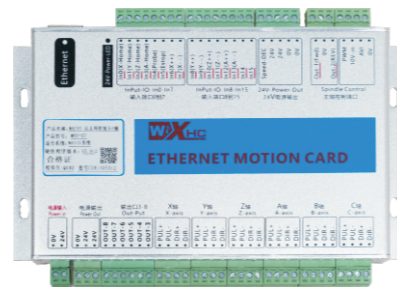
02 LAN motion control card



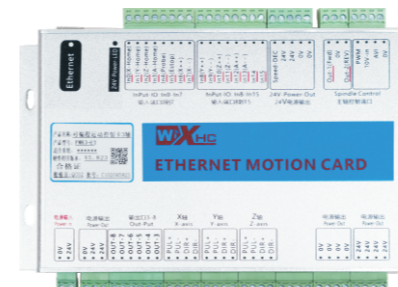
MK3-ET



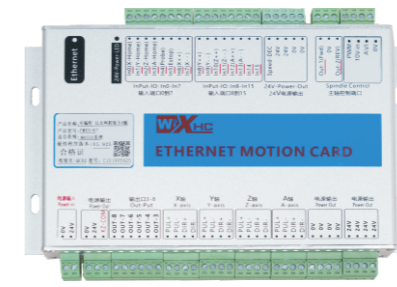
MK4-ET



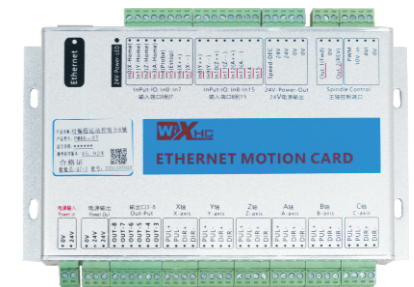
MK6-ET



PMK3-ET



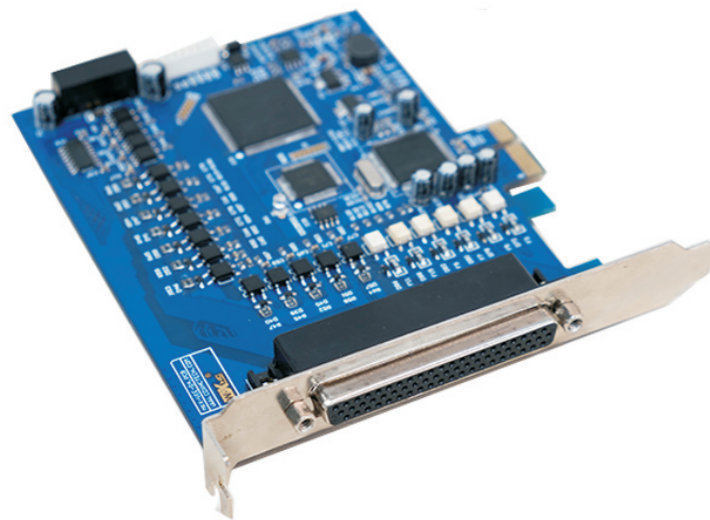
PMK4-ET



PMK6-ET

- 1.Supports up to 6-axis motion control
- 2.Support up to 16 input ports
- 3.Support up to 8 output ports
- 4.Support 1 analog output to realize inverter spindle control
- 5.Ethernet interface is used for more stable use
- 6.Support wireless electronic handwheel operation
- 7.Support 2 developments: Provide DLL library for user 2 developments
- 8.Support MACH3 CNC system software

03 PCIE motion control card



MKX-PCIE

- 1.Support up to 4 axis motion control
- 2.Support up to 24 input ports
- 3.Support up to 16 output ports
- 4.Support 4 encoder inputs
- 5.Support 1 analog output to realize inverter spindle control
- 6.Using PCIE interface for more stable use
- 7.Support wireless electronic handwheel operation
- 8.Support 2 developments: Provide DLL library for user 2 developments
9. Support MACH3 CNC system software

01 CNC machine



Integrated CNC system

- 1.Supports up to 6-axis motion control
- 2.Support up to 24 input ports
- 3.Support up to 16 output ports
- 4.Support 1 analog output to realize inverter spindle control
- 5.4 core X86 processor, 1.8G frequency
- 6.Embedded operating system, stable and reliable
- 7.6 USB interfaces;
- 8.Support wireless electronic handwheel
- 9.10 inch LCD display with integrated control panel
10. Tailor-made: provide customized solutions
- 11.Support MACH3 CNC system software



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