

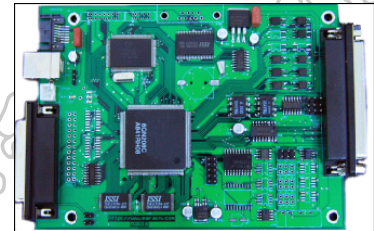
EARAIN --- MC8016 Card— the USB scanner controller

EARAIN'S MC8016 Card is the upgrade production of EARAIN'S MC8001 Card. The MC8016 Card has all the functions of The MC8001. Due to its high-performance controller and a new transfer protocol the MC8016 Card enables real-time control of scan systems and lasers without requiring a PC. The only item required for operation is an external power supply.

Marking file can be loaded via a removable MMC memory card or by using the build-in USB 2.0 interface. Customers can control the card via I/O port or via USB 2.0 interface. Customers can also control the card via RS232 interface. Farther more Customers can update the marking file and the parameters via RS232 interface.

USB 2.0 micro controller on board

- 128 KByte program and data memory
- 576 KByte SRAM for USB data buffering
- realtime calculation of laser and scanner signals
- online grid correction with 10 μ s cycle time
- MMC memory card interface
- Real-time clock
- RS232 interface



Laser control

- laser signals for YAG FIBER and CO2 laser types
- optocoupler TTL Level /10 mA output current
- 2 x 8-bit analog channels with 2.5, 5, 10 V output range
- 1 x 8-bit TTL output port

Scanner control

- X,Y channel
- XY2-100 digital interface

Response Times

- The card can response external trigger with in 12ms
- External trigger delay can be adjusted

I/O Port

- 6 Input Port
- 6 Output Port

Power

- +5V/2A or +12/0.8A

Further new features

- 4 x 8-bit analog channels with 2.5, 5, 10 V output range
- X,Y,P,Q channel
- Rotate Marking

深圳市易安锐自动化设备有限公司
www.earain.com