ABOUT US

Beijing JCZ Technology Co., Ltd (Stock Code: 839562, referred as “JCZ Technology”) was found in 2004, is the national high-tech enterprise.JCZ Technology is adhering to the core concept of “respecting everyone, technology improving life, win-win cooperation and sustainable development”, committed to the realization of the vision of “Beam delivery and control expert”.

We have formed a perfect cooperate organizational structure, to cultivate professional JCZ people with solidarity and high-efficiency.

For future, BJJCZ will continue to provide first-class products and high-quality service for the majority of system integrator, and jointly promote the development and progress of laser industry.

Catalogue

Software
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EZCAD3.0 ----------P2

LMC Control Board ----------P3
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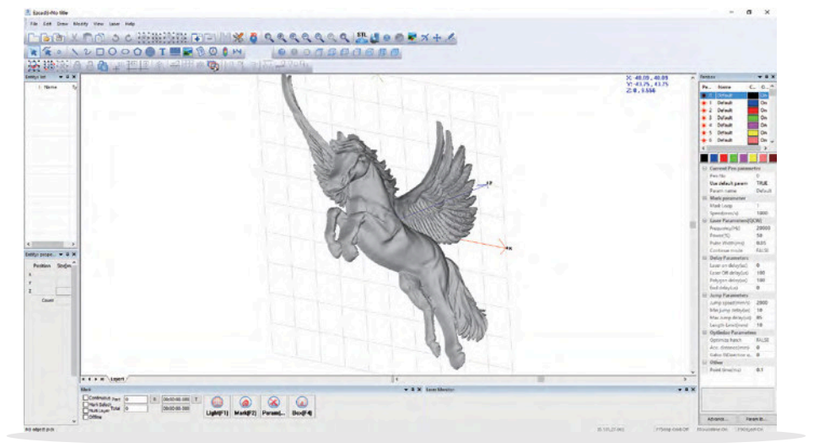
1 EZCAD2.0

EZCAD2.0

- Support CO2, YAG, IPG, SPI laser, adjusting current, frequency, duty ratio.
- Support red light show separately or with laser together.
- Password control prevents parameters being changed unauthorized.
- Powerful IO control function, more than 10 input and output ports, also support OC output, easily make your machine to realize automation.
- Various ways for laser calibration, with traditional built-in calibration. Also camera calibration, which can provide exact result. [Optional].
- Support two extended axis, various kinds of rotary marking can be chosen depand on your need, support double axis marking, words can be marked inside of the ring.
- Mark-on-fly: high speed marking without missing and offset, can fly mark barcode and super long text. Complete hatch functions: support 3 levels hatch, 4 kinds of hatch methods, and each level can be set separating parameters.
- Powerful variable-text functions:date, time, USB barcode, serial number, txt file, serial communication and network communication, and any customized database file. The software not only can cut out variable-text content, but also can combine text content.
- Image marking: new processing algorithm, can make good result in very short time.
- Powerful text inputinig function. Support TrueType, SHX(JCZ Single Font), DMF(Dot Matrix Font) and user-defined font types.
- Support variable files while marking text and picture(the file name is changeless but contents will be changed in marking).
- Support multiple boards being controlled by one PC.

EZCAD3.0 2



EZCAD3.0

- 64-bit software kernel, support oversized files, fix the problem of insufficient memory.
- Support multi-layer function and multi-layer processing.
- Support the 3D curve marking.
- Support 3D surface slice function, do not need third-party slice software.
- Support the dynamic hatching of the slice curve to prevent the software from taking too much computer memory and running slower.
- Support 3D curve projection function.
- Support cylindrical curve wrapping function.
- Support convert bitmap to relief function.
- Support large format dynamic focus.
- Support the projector positioning function, easy to find the marking position of big format marking for dynamic focus function.
- Support the estimated processing time, easy to know how long it needs to be processed.
- Support ultra-fast barcode marking.
- Any curve filled, the customer can decide to hatch line style.
- New function for evenly optimize of hatch, to prevent the lines of marking result.
- New function for gradually add and reduce the power and speed.
- New function for round and sinusoidal jitter functions.
- Material parameter assistant function, dor save different material marking parameter.
- Add new barcode type, support most of the barcode type.
- JCZ Laser Digital Communications Protocol 1.0, supports most types of laser source on the market.
- Real-time display the laser status in the main interface.
- Supports stand-alone function, support to mark max 8 different files without pc.

LMC Control Board

Applicable laser: IPG/RAYCUS/JPT/MAX/V-GEN

Support:
MOPA laser type.
Win XP/7/8/8.1/10, both 32bit and 64bit.
Digital scanner with XY2-100 protocal.
Mulitihead function.
Fly marking.
Expand axis and rotary.
Secondary development with EZCAD SDK.

Input IO:
16 routes TTL input signals max.
Output IO:
8 routes TTL/OC output signals max.
Remark signal: cached content repeat marking.

LMC-FIBER

Applicable laser: CO2/YAG/UV

Support:
Win XP/7/8/8.1/10,both 32bit and 64bit.
Digital scanner with XY2-100 protocal.
Mulitihead function.
Fly marking.
Expand axis and rotary.
Secondary development with EZCAD SDK.

Input IO:
16 routes TTL input signals max.
Output IO:
8 routes TTL/OC output signals max.
Remark signal: cached content repeat marking.
Laser control signal: Laser enable signal/PMW+/-signal.
Analog power control signal (0-10V)/analog frequency singal (0-5V).

LMC-DIGIT

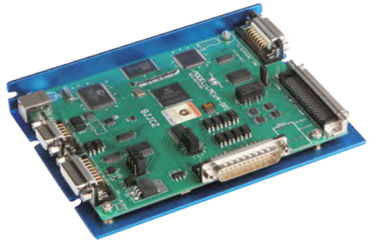
Applicable laser: SPI

Support:
Win XP/7/8/8.1/10, both 32bit and 64bit.
Digital scanner with XY2-100 protocal.
Mulitihead function.
Fly marking.
Expand axis and rotary.
Secondary development with EZCAD SDK.

Input IO:
16 routes TTL input signals max.
Output IO:
8 routes TTL/OC output signals max.
Remark signal: cached content repeat marking.

Laser control signal: 68-pin SCS13 socket output spi G4 laser signals.

LMC-SPI



PCIE Control Board

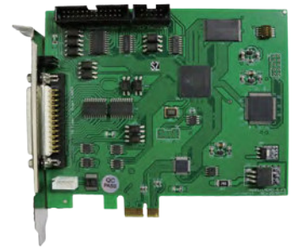
Connection/power supply:
PCIE card slot

Applicable laser: CO2/YAG/UV

Support:
Win XP/7/8/8.1/10, both 32bit and 64bit.
Digital scanner with XY2-100 protocal.
Mulitihead function.
Fly marking.
Expand axis and rotary.
Secondary development with EZCAD SDK.

Input IO:
10 routes TTL input signals max.
Output IO:
8 routes TTL output signals max.
Remark signal: cached content repeat marking.

PCIE-DIGITAL



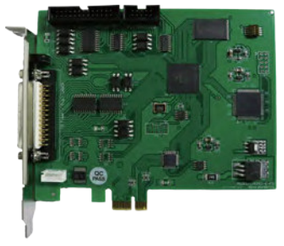
Connection/power supply:
PCIE card slot

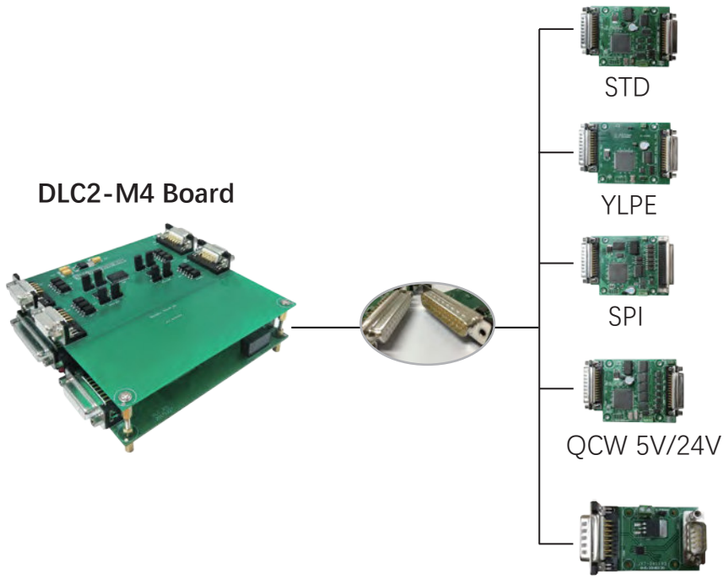
Applicable laser: IPG/RAYCUS/JPT/MAX/V-GEN

Support:
Win XP/7/8/8.1/10, both 32bit and 64bit.
Digital scanner with XY2-100 protocal.
Mulitihead function.
Fly marking.
Expand axis and rotary.
Secondary development with EZCAD SDK.

Input IO:
6 routes TTL input signals max.
Output IO:
2 routes TTL output signals max.
Remark signal: cached content repeat marking.

PCIE-FIBER





DLC2-M4 Board

Scanner Type	Galvo With XY2-100 Interface Support 16bit/18bit Galvo
Input Signal	10 input
Output Signal	8 output
Communication Interface	USB 2.0
Operation System	Win 7/8/10 64bit
Software	EZCAD3
Support Laser Source	CO2,Fiber,UV,SPI,QCW,YAG
Extended axis	4 axis

Software: EZCAD3 With Standard License

STD	Laser source: CO2/YAG With STD extend board
YLPE	With YLPE extend board
SPI	Laser source: SPI With SPI extend board

Special Solution:
All the special solutions are based on the DLC-2-2D board and extend hardware and license.

For 4 Axis Control

Hardware	DLC-2 with M4 board
Software	EZCAD3 with 4 axes license
Function	Support 4 extend axes Support differential signal output and Common anode(TTL) output

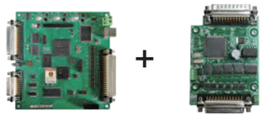
For 3D Laser Marking

Hardware	DLC-2-3D with the 3D version
Software	EZCAD3 with 3D license
Function	Support from EZCAD3 SDK Support 3D marking with 3D scanner

For Off Line Laser Marking

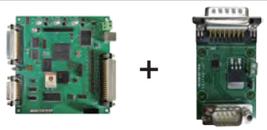
Hardware	DLC-2
Software	EZCAD3 with offLine marking license
Function	Support MAX 8 marking files without PC, use input port 0, 1,2,3 to enable marking

For QCW Source Control



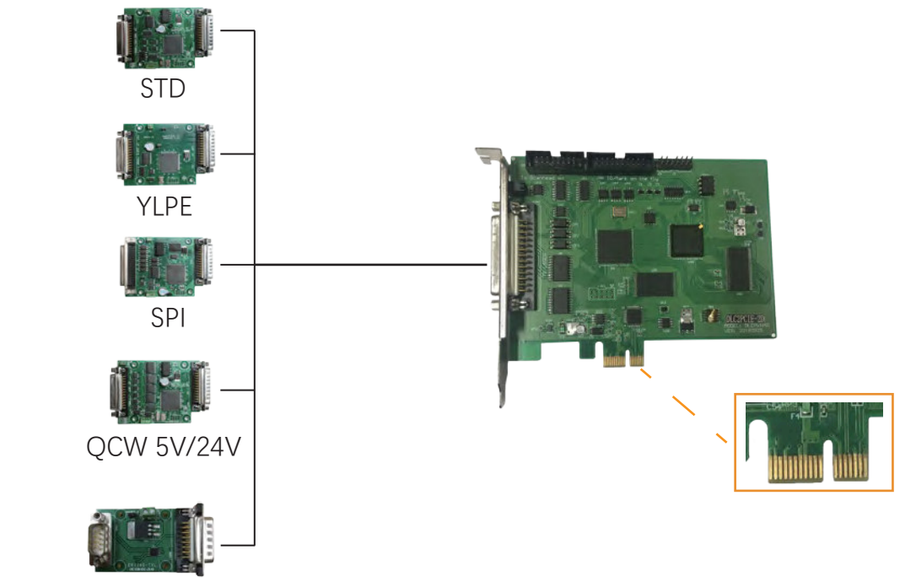
Hardware	DLC-2 with QCW 5V/24V board
Software	EZCAD3 with QCW license
Function	Support QCW laser source

For SL2 protocol Scanlab scanhead



Hardware	DLC-2 with JSL-100 board
Software	EZCAD3
Function	Support SL2-100 protocol scanlab scanhead

DLC-PCIE Control Board



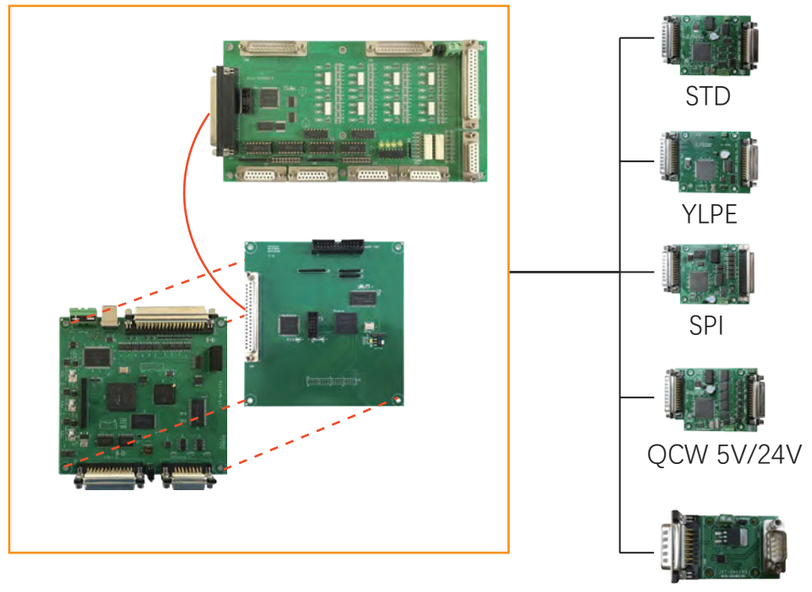
DLC-PCIE

Scanner Type	Galvo with XY2-100
Input Signal	3 input
Output Signal	3 output
Communication Interface	PCIE
Operation System	Win 7/8/10 64bit
Software	EZCAD3

Software: EZCAD3 With Standard License

STD	Laser source: CO2/YAG With STD extend board
YLPE	With YLPE extend board
SPI	Laser source: SPI With SPI extend board

DLC2-MC



DLC2-MC Board

Scanner Type	Galvo With XY2-100/ JCZ-100 Interface Support 16bit/18bit/20bit Galvo
Input Signal	10 input
Output Signal	8 output
Communication Interface	USB 2.0
Operation System	Win 7/8/10 64bit
Software	EZCAD3
Support Laser Source	CO2,Fiber,UV,SPI,QCW,YAG
Support	Aixs encoder feedback
	Fly marking
	Standard alone
	4 Axis