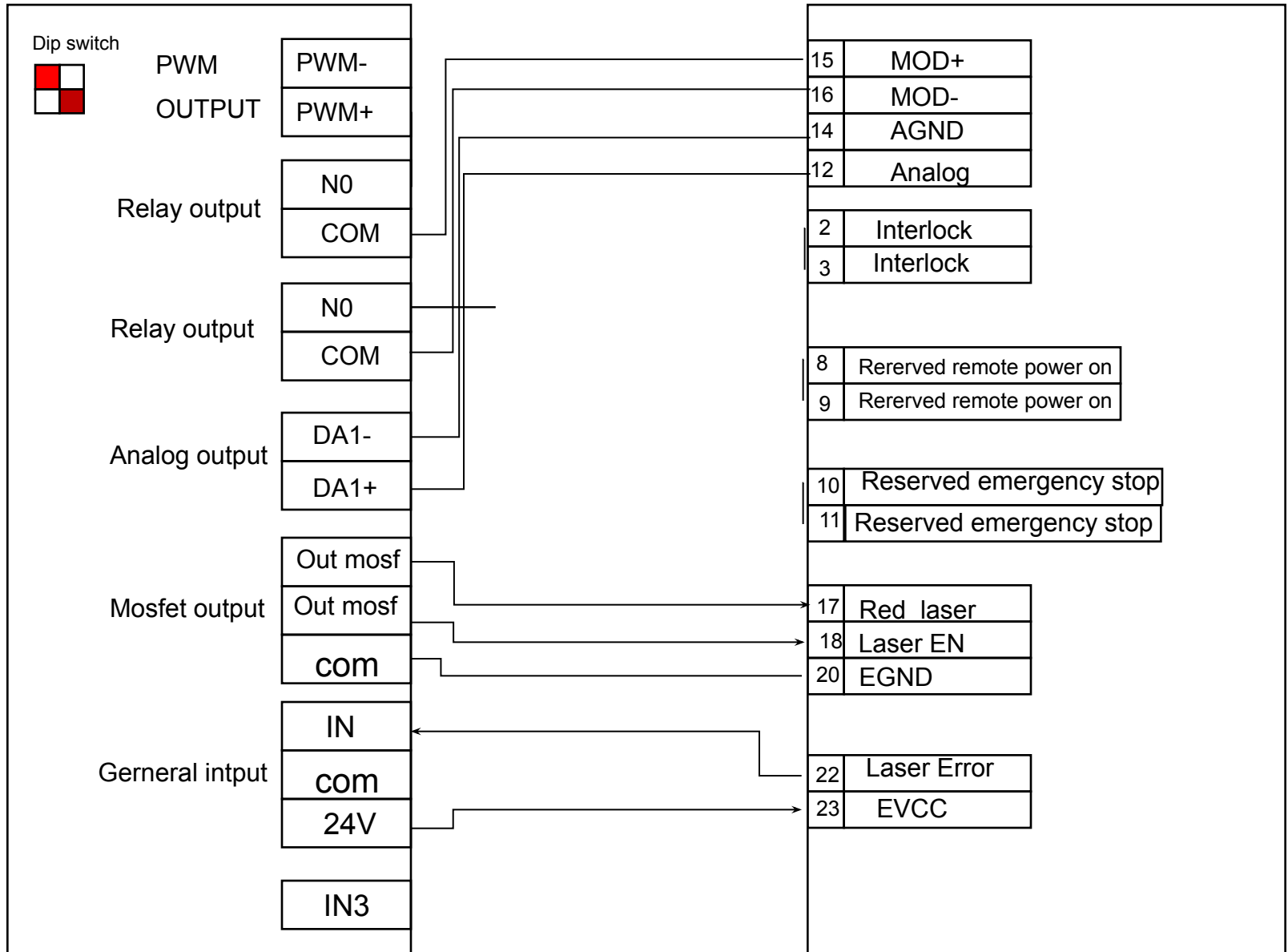


小体积RAYCUS

外部AD控制模式接线与设置

BCL3766

RAYCUS RFL-C2000S



— .The first time you use it,you need to connect the laser software”C500S-ST-0654-V3.2” ,To set

C500S-V3.2-上位机程序 > C500S-ST-0654-V3.2-上位机程序 > C500S-ST-0654-V3.2 > bin > Debug					搜索
名称	修改日期	类型	大小		
de	2019/1/18 9:40	文件夹			
es	2019/1/18 9:40	文件夹			
fr	2019/1/18 9:40	文件夹			
hu	2019/1/18 9:40	文件夹			
it	2019/1/18 9:40	文件夹			
ja	2019/1/18 9:40	文件夹			
pt	2019/1/18 9:40	文件夹			
ru	2019/1/18 9:40	文件夹			
sk	2019/1/18 9:40	文件夹			
sv	2019/1/18 9:40	文件夹			
tr	2019/1/18 9:40	文件夹			
zh-cn	2019/1/18 9:40	文件夹			
zh-tw	2019/1/18 9:40	文件夹			
Config	2018/3/9 9:50	XML 文档	1 KB		
QCW.vshost.exe.config	2017/11/30 10:35	CONFIG 文件	1 KB		
QCW.vshost.exe.manifest	2013/3/18 17:00	MANIFEST 文件	1 KB		
RFLXXS	2019/1/8 14:33	应用程序	135 KB		
RFLXXS.exe.config	2017/11/30 10:35	CONFIG 文件	1 KB		
RFLXXS.pdb	2019/1/8 14:33	PDB 文件	226 KB		
RFLXXS.vshost	2019/1/8 14:36	应用程序	24 KB		
RFLXXS.vshost.exe.config	2017/11/30 10:35	CONFIG 文件	1 KB		

1 个项目 134 KB

500S_Raycus V3.2.0

Session Tools Language Help Exit

RS232

Ethernet

Read

Guide Laser Control

DEABC

EEABC

ABF

ABN

Gate Mode

DGM

EGM

Modulation Mode

IMOD

EMOD

Hardware Emission Control

DLE

ELE

External AD Control

DEC

EEC

Wave Mode Enable

DWPM

EWPM

Emission Control

Power

0

Set

Get

Pulse Repetition Rate

100

Set

Get

Pulse Width(ms)

1.0

Set

Get

Duty

10

Set

Get

Start Emission

Stop Emission

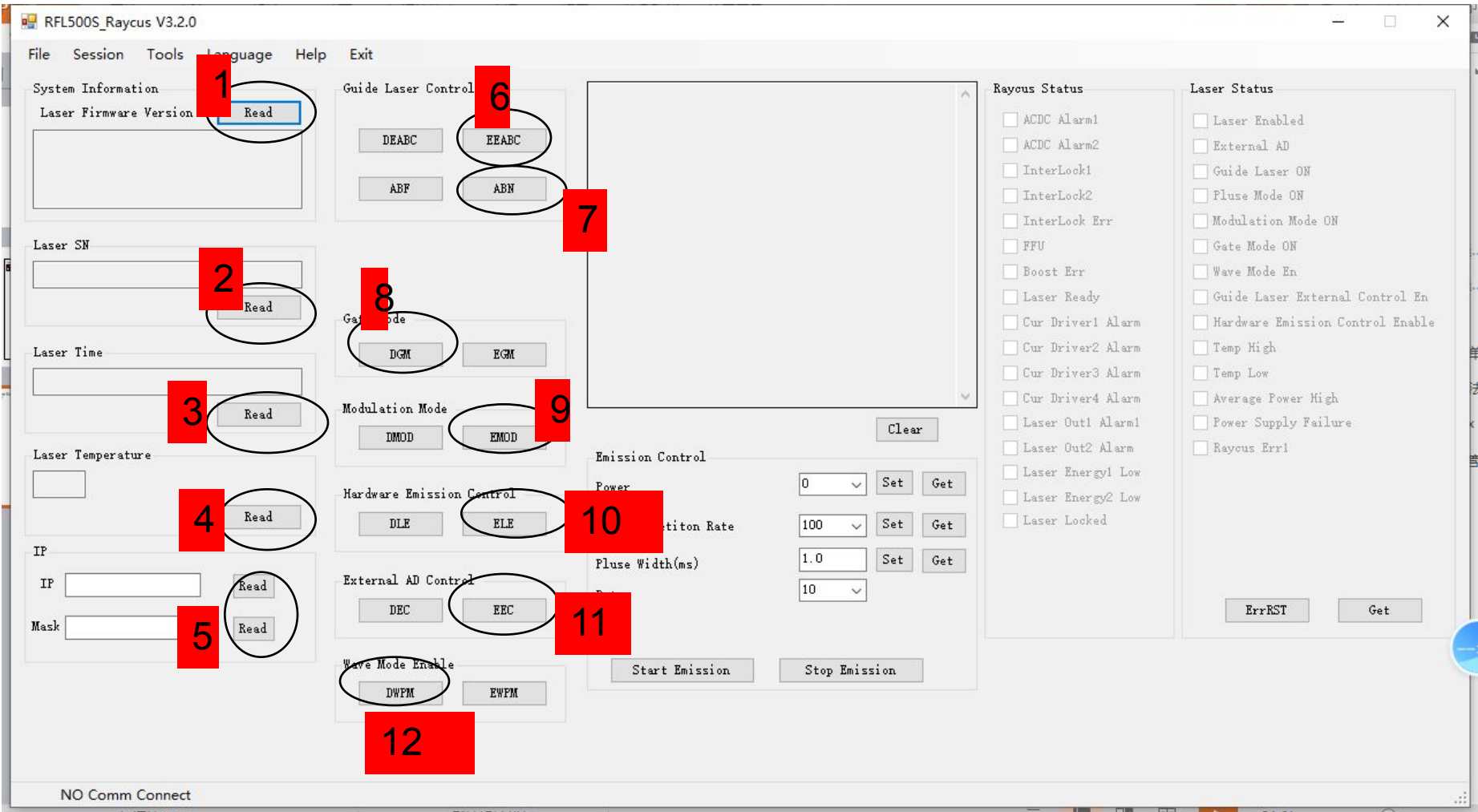
Raycus Status

- ☐ ACDC Alarm1
- ☐ ACDC Alarm2
- ☐ InterLock1
- ☐ InterLock2
- ☐ InterLock Err
- ☐ FFU
- ☐ Boost Err
- ☐ Laser Ready
- ☐ Cur Driver1 Alarm
- ☐ Cur Driver2 Alarm
- ☐ Cur Driver3 Alarm
- ☐ Cur Driver4 Alarm
- ☐ Laser Out1 Alarm
- ☐ Laser Out2 Alarm
- ☐ Laser Energyb Low
- ☐ Laser Energyc Low
- ☐ Laser Locked

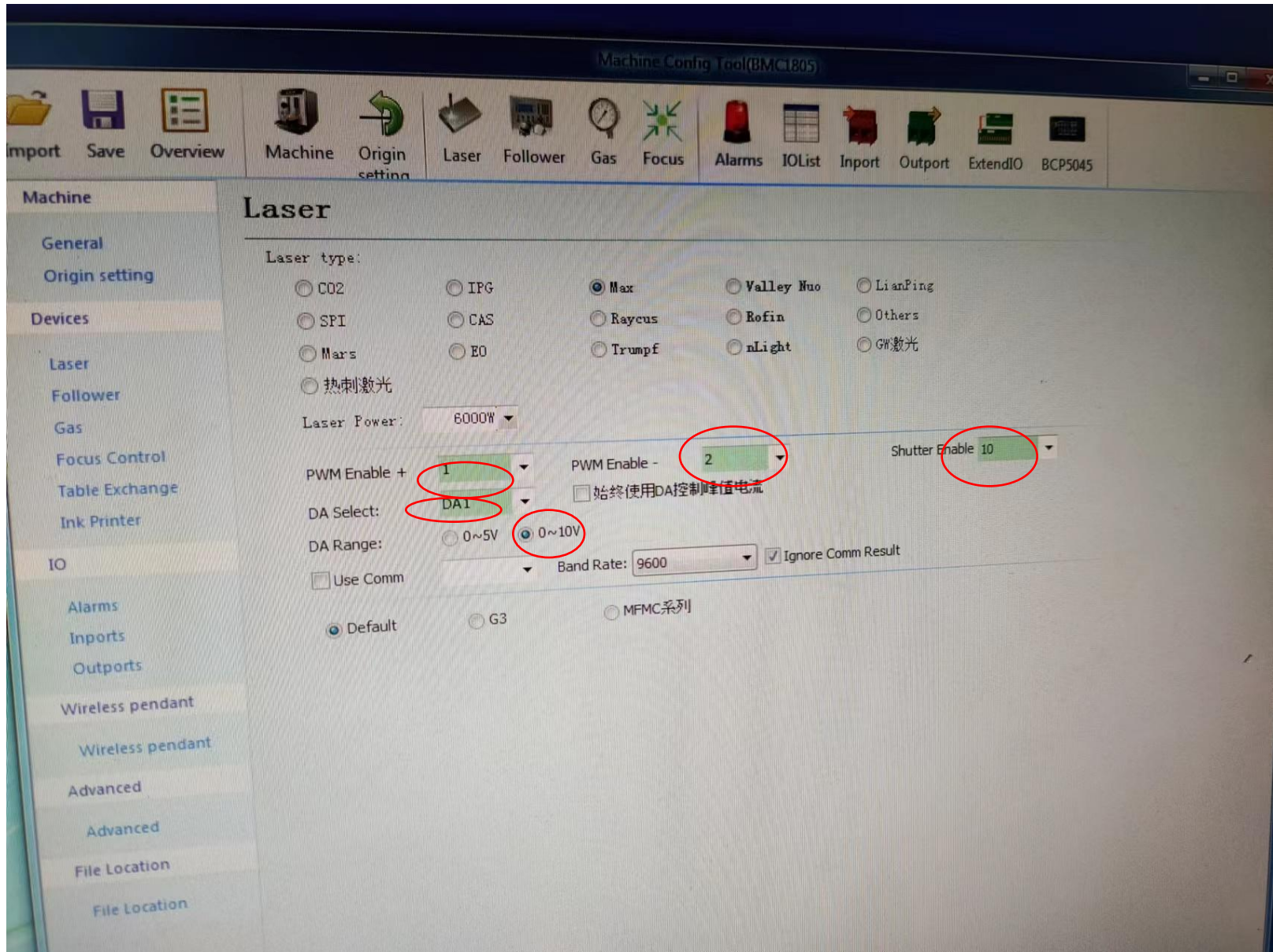
Laser St

- ☐ Laser
- ☐ Extra
- ☐ Guide
- ☐ Pulse
- ☐ Modul
- ☐ Gate
- ☐ Wave
- ☐ Guide
- ☐ Hardw
- ☐ Temp H
- ☐ Temp L
- ☐ Averag
- ☐ Power
- ☐ Raycus

Err



二. Open Platform configuration, to set



Machine Config Tool(BMC1805)



Import



Save



Overview



Machine

Origin
setting

Laser



Follower



Gas



Focus



Alarms



IOList



Inport



Output



ExtendIO



BCP5045

Machine

General

Origin setting

Devices

Laser

Follower

Gas

Focus Control

Table Exchange

Ink Printer

IO

Alarms

Inports

Outputs

Wireless pendant

Wireless pendant

Advanced

Advanced

Digit Output

General Output

Aiming: 11

Lasering: 0

Ready: 0

Alarm light 0

Working: 5

Alarm bell: 6

☒ Output processing instruction ☒ Send command when pause

- ☒ Alarm indicator
- ☒ Working indicator
- ☒ Laser Lights Flashing
- ☒ Alarm Bell Intermit

Auto Lubricate

☒ By time☐ By mileage

Mileage interval: 0km

Time interval: 60min

Oil control port: 12

Duration: 30s

Overload: 0

Low oil level: 0

Lubrication Model

☐ Manual

Custom output configuration

Add

Delete

Output

Lock

分区域输出

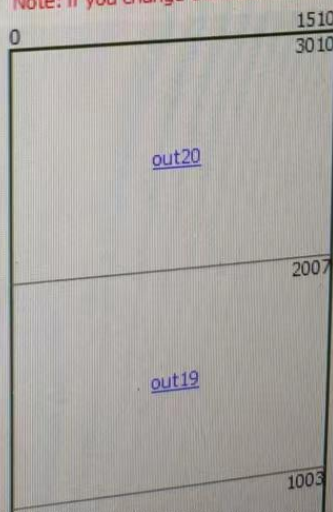
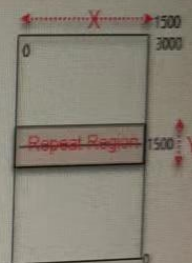
☒ Area division: 3 1☐ Coordinate edit☐ Turn-off delay: 5s☒ Only extract in cutting

Overlay area(X/Y):

X: 0 Y: 0

☒ Divide by grid☐ Divide by (X,Y) coordinates

Note: if you change the machine travel range or origin direction you have to modify



Alarms

Emergency: 10

☐ NO
 ☒ NC

Maintain: 0

☒ NO
 ☐ NC

Max Speed (Maintain): 3000 mm/s

Max Power (Maintain): 3000 W

Gantry deviation tolerance: 3 mm

☒ Gantry Alarm:

Tolerance: 1 mm

Duration: 100 ms

Max Dev: 3 mm

☐ Force enable manual reset

☐ BCS100 alarm must be acknowledged

☐ Display warning while machine in operation:

机床运行时, 严禁将手和身体的任何部位伸进机床!

Custom input alarm:

☒ input port alarm
 ☐ input port warning
 4 Ports Alarms

Add
 Delete

Alarm description	Port...	Level		Time Filter
冷水机 报警	15	<input checked="" type="radio"/> NO	<input type="radio"/> NC	0
激光器 报警	14	<input checked="" type="radio"/> NO	<input type="radio"/> NC	0
油泵 1 报警	13	<input type="radio"/> NO	<input checked="" type="radio"/> NC	0