Note: if not in accordance with the instructions, it is easy to damage the laser head because of improper operation

Please be sure to carefully read the instructions before use!!!

1 , the installation instructions

First exit anti-virus software before you install the software. Because anti-virus software program engraving machine will be mistaken for a virus to kill.

The USB line is connected with the computer first before installation, plug in the power

1. Install the driver, (and the choice of computer system

corresponding driver to install) win10 computer systems already have

drivers, so this step is omitted win10 system

| Engraving software CIKE 8.2 | 2015/11/11 16:53 |
|-----------------------------------------|------------------|
| 퉬 Install software running platform | 2014/12/22 23:15 |
| CIKE8 generation C0001221.8.2.txt | 2015/11/11 16:32 |
| Installation instructions for use (upgr | 2014/12/25 0:42 |
| 🐯 Win7 drive _32.exe | 2014/10/6 16:13 |
| 🐯 Win7 drive _64.exe | 2014/10/28 13:38 |
| 🛃 win8 drive.EXE | 2013/7/25 23:02 |
| 🐯 XP driver.exe | 2014/10/30 19:44 |

2. Install the software platform

| Engraving software CIKE 8.2 | 2015/11/11 16:53 |
|-----------------------------------------|------------------|
| Install software running platform | 2014/12/22 23:15 |
| CIKE8 generation C0001221.8.2.txt | 2015/11/11 16:32 |
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| 🔯 XP driver.exe | 2014/10/30 19:44 |
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| 🍌 bin | 2014/12/22 23:15 |
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| 🍌 license | 2014/12/22 23:15 |
| supportfiles | 2014/12/22 23:15 |
| nidistid | 2014/7/14 13:27 |
| 🛃 setup.exe | 2014/7/14 13:27 |
| setup.ini | 2014/7/14 13:27 |

| 是 激光雕刻机DIY | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| 运行安装程序之前,请退出所有其它正在运行的租程序(如病毒扫描程序)可能导致安装时间延长。 安装程序正在 | PR。在后台运行的 |
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| 》 影光雕刻机DIY | |
| | |
| 日 标目录 选择主安装目录。 | |
| 目标目录 选择主安装目录。 所有软件将安装至以下目录。如需安装至其 选择其它目录。 | 它目录,请单击"浏览"按钮并 Delete |
| 目标目录 选择主安装目录。 所有软件将安装至以下目录。如需安装至其 选择其它目录。 | 它目录,请单击"浏览"按钮并 Delete |
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| 》激光雕刻机DIY | |
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| Readers of this document are requested to sub- Inc. ("Licensor"), with their comments, notifical intellectual property rights of which they may b use of this intellectual property, software, or sp | mit to Interchangeable Virtual tion of any relevant patent righ e aware which might be infrin ecification (the "Intellectual Pr | Instruments, its or other ged by any operty"), as — |
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| 「一般大器を用して | | X |
| | | |
| Here we need to 总进度 正在安装NI LabVIEW Real-Time FIFO for Buntime (| wait 3-5 min 第8个模块,共39个模块) | utes |
| | | |
| | (≪上一歩@) 下一步@)≫ | 取消(2) |

| 過激光雕刻机DIY | | |
|--------------|-------------------------|--------|
| 安装完成 | | |
| 安装程序已更新您的系统。 | | |
| | (≪上一歩 (B)) (下一歩 (A)>>>) | 完成(37) |
| | | |

| 2 | |
|---|-------------------------------|
| | 必须重新启动计算机才能完成当前操作。 |
| 2 | 如需马上安装硬件,请关闭计算机。 如需稍后重启计算机,在重 |
| | 启之前请不要运行该软件。 |
| | |
| | \sim |
| | |

3. Open engraving software

| Engraving software CIKE 8.2 | 2015/11/11 16:53 |
|-----------------------------------------|------------------|
| Install software running platform | 2014/12/22 23:15 |
| CIKE8 generation C0001221.8.2.txt | 2015/11/11 16:32 |
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| 🛃 win8 drive.EXE | 2013/7/25 23:02 |
| 🐯 XP driver.exe | 2014/10/30 19:44 |

| CIKE.aliases | 2014/12/25 0:32 | |
|---------------------------------|-----------------|---|
| CIKE.ini | 2014/12/25 0:32 | i |
| CIKE.log | 2014/12/25 0:32 | |
| | 2014/12/25 0:32 | |
| Engraving software CIKE 8.2.exe | 2014/12/25 0:32 | |
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| A serial port | - 1 | | | | | |
| Importimages delete image gray scale | 11111 | | | | | |
| typeface Custom Fontword size 宋体 | hand | | | | | |
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| | dan | | | | | |
| | 4 | | | | | |
| | Turn | | | | | |
| laser intensity | mult | | | | | |
| 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 Carving time | FU | | | | | |
| 0 5 10 15 20 25 30 35 40 45 50 55 60 | 1111 | | | | | |
| Contrast adjustment | F | | | | | |
| 0 20 40 60 80 100 120 140 160 180 200 220 240255 | and a | Start | co | ntinue | laser on | The path model |
| | 1 | | | | | |

4、 Select the serial port:

| choice | t Import images | delete image | black and white |
|-------------------------|--------------------|--------------|-----------------|
| typeface 宋体 🔽 | Custom Fontword | embossed | reverse rotate |
| ↓ frae = bu | | | |
| DU DU | SV | | |
| A serial port choice | Import images | delete image | black and white |

open the device manager. Point port. Can see

T USB-SERIAL CH340 (COM16)

CH340 brackets after the display is the com software should choose

the serial port

5、Weak light positioning: the laser intensity to 2-4





Laser light, with laser protection glasses, with the hand twist move the focus here, the light spot to the smallest appropriate



The number of keys in the direction of the arrow keys can be changed with the input of the keyboard. It represents the distance between the motor and the head of the laser head. The larger the number is, the greater the distance is.



Enter text and import pictures. The right side can display the effect diagram Text can be directly input, click the picture into the back of the window if you do not show the picture, in the bottom of the file format to select all the files you can

| free busy | |
|------------------------------------------------------------------------------------------------------------------------------------|---------------|
| A serial port choice Import images delete image black and white typeface Custom Fontword size embossed reverse rota | |
| | |
| 12345678 | 12345678 |
| I B U laser intensity | л-010010 Л |
| 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 Carving time 0 5 10 15 20 25 30 35 40 45 50 55 60 Contrast adjustment | |

Set the intensity and time parameters, after the start of the sculpture button can be



carved



picture to select different parameters effect diagram changes.

6, Customize font: select the last item of the font custom, And then copy the font in the computer, the full name of the box, in the input box to hit the space bar, you can customize the font

| free busy | | <u> </u> | |
|-----------------------------------|------------------|----------|-------|
| choice Import images delete in | nage black and w | hite | K. |
| custo Dutch801 60 | sed reverse rot | ate | Z |
| | | - WG | A K |
| | | | |
| | | 3 | -XX |
| 12345678 | | 1234 | 15678 |
| ΙΒ <u>Ψ</u> | 1 | | |
| laser intensity | 50 | J. | |

How to copy the font name of the computer, there are many methods, we introduce one of the

Open word, Directly copy the font in the word to the right of the engraving software font on the right side of the box can be



7、Laser intensity and burning and carving time reference: adjusted to a proper value, new laser head strength can not be more than 28, open to carving, specific settings as carving material and

8. hoose the way of carving, different ways of carving is different in different ways.

such as display is scanning mode, then click scan mode isswitched into a path model



9、 fter the parameter set, can choose according to arbitrary origin <mark>on the right side</mark> effect diagram (Figure red cross intersection), then began to carve to.

Location: the cross center is the laser beam, the beginning of the engraving in the direction of the cross center, carved out of the actual position in which direction of the laser point



Note: If the input of the text is not fully displayed, the text is displayed in the back of the box to display the full

Use photo editing software to set the image size: *0.075=

effect picture pixelicon ruler (CM) = actual distance

| The actual distancemm | Effect of icon scale mm | Image pixels |
|-----------------------|----------------------------|--------------|
| 10 | 10 | 133. 3333333 |
| 20 | 20 | 266. 6666667 |
| 30 | 30 | 400 |
| 40 | 40 | 533. 3333333 |
| 50 | 50 | 666. 6666667 |
| 60 | 60 | 800 |
| 70 | 70 | 933. 3333333 |

Black and white adjustment: open the picture black and white sculpture, black-and-white clarity (open the picture after adjusting the parameters, see the effect of map changes on the right) Note: the use of procedures such as prompt communication error, please check whether the selected serial port