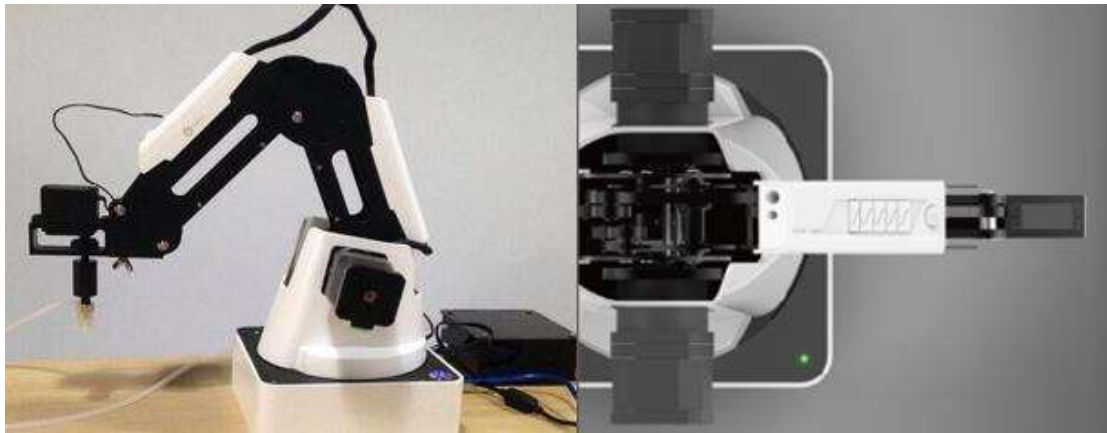


Dobot Magician User Manual Instruction and Precautions

1. Please refer to the Dobot Magician User Manual along with the box before using.
2. Precautions:
 - 1) Power On: Please align the Dobot into the “neutral position” by making a 45° angle between the forearm and rear arm (shown below), press the power button, and the stepper motors will lock. After about 5 seconds, there will be a short sound. If the status light switches from orange to green, the Dobot is ready to use. Note that if the light turns red, it indicates that the Dobot is at a limited position, so please make sure the forearm and rear arm are kept in the normal range of motion.



- 2) Power Off: If the status light at the bottom right of the Dobot is green, press on the power button to turn off Dobot. In this process, Dobot will move slowly to the “resting” position. **Be safe and watch your hands!**
 - 3) If the Dobot becomes unaligned with the computer, press the **Reset** button behind the controller to recalibrate. The Dobot will automatically disconnect with the computer and reset. Then you can reconnect it.
 - 4) Please turn off the Dobot completely first before plugging or unplugging external modules, such as Bluetooth, WIFI, Stick controller, Infrared sensor, Color sensor etc...Not powering down the Dobot before doing so may damage or break your Dobot! Note that only once the status light completely turns off, the Dobot has powered down.
 - 5) When packing and transporting the Dobot, please unplug the left and right motors wires located near the sides to avoid damage to your Dobot.
- 3. Important Safety Notice:** ⚠ ⚠ ⚠
- Small spare parts are included, so please keep them away from children, as they are a choking hazard.
 - DO NOT let children play with the Dobot alone. All processes need to be monitored while running. After processes have finished, please turn off the equipment promptly.
 - While using the laser module, please wear protective glasses. Avoid eye or skin exposure to direct radiation. Keep a safe distance from the laser to avoid accidental injury.
 - When using the 3D printing module, the heating rod will produce temperatures up to 250℃, please be careful!
 - DO NOT put hands into the operating zone while the Dobot is running. Not doing so runs the risk of bruising and/or pinching.

- Only trained and trained personnel may commission and set up Dobot.
 - Dobot may only be operated with the associated standard equipment. Any other use of tools is deemed to be inaccurate use.
 - Only authorized personnel who are instructed in work safety must work on the machine.
 - Suitable personal protective equipment wear protective clothing (gloves, safety shoes ...).
 - General work safety must be observed.
 - Only trained and trained personnel may carry out maintenance work on Dobot.
4. More Materials
- Follow us to get first-hand material about Dobot Magician:
- Official Website: www.dobot.cc
- Download Center: <https://www.dobot.cc/downloadcenter.html>
5. DobotStudio platforms: Windows XP (DobotStudio does not support using Blockly function and Leapmotion function in Windows XP), win7 SP1 x32/x64, win8/win10, mac osx10.10 and mac osx10.11, mac osx10.12.
6. Should you have any further questions, feel free to email us at support@dobot.cc

1. Dobot Magician Software Installation Instruction

1.1 Download and install Dobot Studio

The software used by Dobot Magician is **DobotStudio**, and you can download the latest version from our official website:

https://www.dobot.cc/downloadcenter.html?sub_cat=70#sub-download

Take software version under Windows system as an example, after the file successfully downloads, unzip and double click DobotStudio.exe to install software.



Figure 1.1 DobotStudio installation

During Setup, you just need to follow the prompts to do next step operation, software will pop up the driver installation interface automatically, and the operation interface is shown below:



Figure 1.2 Driver installation interface

Click "Install", and then you can close this window after installing successfully.

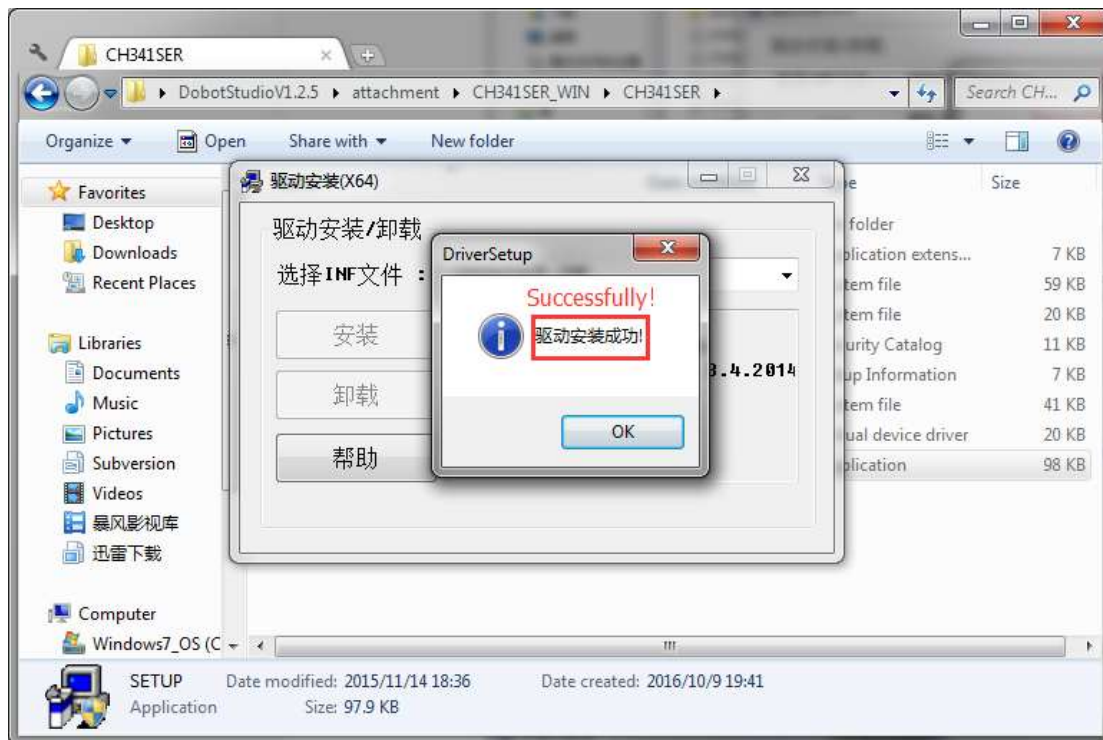


Figure 1.3 The driver was installed successfully

Return to the interface of Dobot Studio installation, and then click next to finish installing software.

1.2 Check if the equipment can work properly in the device manager

1.2.1 Open the device manager and if you can find the corresponding COM port of “USB-SERIAL CH340”, then it shows the driver is installed successfully. The correct installation is shown below:

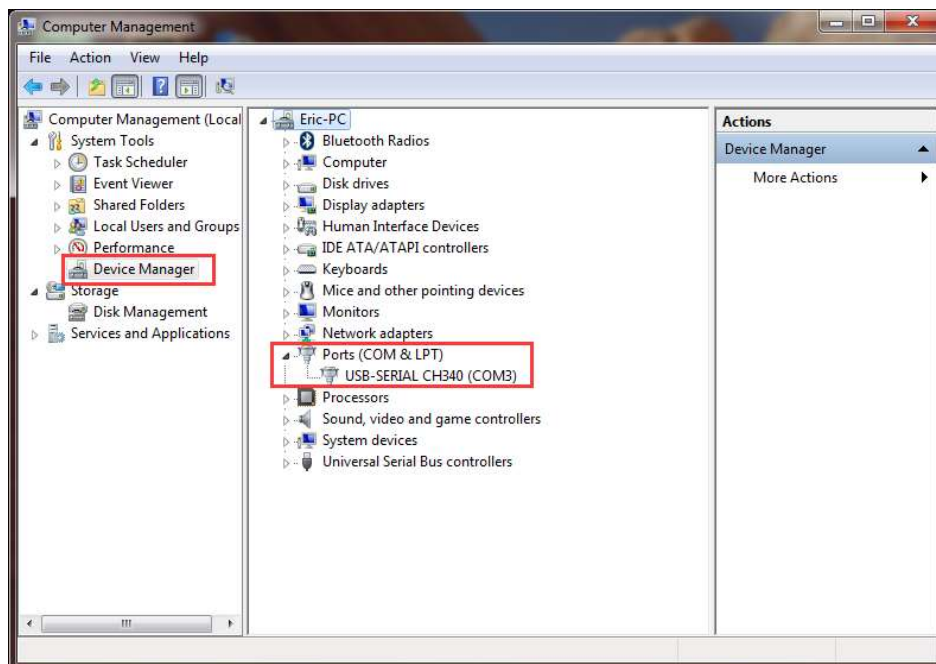


Figure 1.4 The COM port in the device management

If you uninstall the driver and need to reinstall it, please find the driver setup in “attachment” folder, as the shown below:

> 此电脑 > LENOVO (D:) > Applications > DobotStudio1.4.13 > attachment > CH341SER_WIN > CH341SER				
名称	修改日期	类型	大小	
DRVSETUP64	2017-09-20 12:07	文件夹		
CH341PT.DLL	2017-09-05 19:19	应用程序扩展	7 KB	
CH341S64.SYS	2017-09-05 19:19	系统文件	59 KB	
CH341S98.SYS	2017-09-05 19:19	系统文件	20 KB	
ch341SER	2017-09-05 19:19	安全目录	11 KB	
CH341SER	2017-09-05 19:19	安装信息	7 KB	
CH341SER.SYS	2017-09-05 19:19	系统文件	41 KB	
CH341SER.VXD	2017-09-05 19:19	虚拟设备驱动程序	20 KB	
SETUP	2017-09-05 19:19	应用程序	98 KB	

Figure 1.5 Driver installation directory