Environment installation tutorial with ODESC Connected Pc

1.0 Computer system Win10, older systems may have

compatibility issues.

西 命令提示			
Microsoft Windo (c) Microsoft C	ws [版本 10.0.19043 orporation。保留所作	3.1052] 月秋利。	
C:\Users\admin>			

2.0 Install Python, the version is recommended not to be

lower than 3.9.

2.1 Double-click to install Python.



2.2 Check Add Python 3.9 to PATH.



2.3 Default path, click Install Now.



2.4 Wait for installation.

😓 Python 3.9.1 (64-bit) S	etup	1		\times
	Setup Progress			
2	Installing: Python 3.9.1 Core Interpreter (64-bit)			
python				
windows			Cancel	





2.6 Enter cmd to open the terminal and hit Enter.



2.7 Enter python --version, enter. The installation Python version number is displayed, and the installation is successful.



3.0 Installation odrivetool

3.1 Command terminal, enter pip install odrive==0.5.1.post0, enter. Wait for installation.



3.2 The installation is complete.



3.3 Enter odrivetool, enter. The test installation was successful.



$4.\ 0$ ODESC is connected to the computer.

4.1 ODESC DIP switch to reach the position shown in the figure. (No DIP switch, no operation required)



4.2 The power supply powers ODSEC and connects the computer using a USB cable.

5.0 Zadig installs the driver

5.1 Double-click to install Zadig.

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N 📙 > 环圳	竟安装与ODESC成功连接电脑	/		~	õ	♀ 搜索"环境安装与ODESC成功连接电脑
_	名称	修改日期	类型	大小		
	python-3.9.1-amd64	2022/5/16 17:52	应用程序	27	,544 KE	3
	🔀 zadig-2.5	2022/5/16 17:53	应用程序	5	,037 KE	3
*	型 环境安装与ODESC成功连接电脑教程	2022/7/16 13:48	Microsoft Word		13 KE	3
表与ODESC						

5.2 Select NO to cancel the online upgrade.

evice	Opt	tions Help	
		List All Devices	
	~	Ignore Hubs or Composite Parents	✓ ☐ Edit
	~	Create a Catalog File	
Driver	~	Sign Catalog & Install Autogenerated Certificate	WinUSB (libusb)
USB IC		Advanced Mode	libusb-win32
WCID		Log Verbosity >	libusbK WinUSB (Microsoft)
WCID	-		WinUSB (Microsoft)

5.3 Select Options and check List All Devices.

5.4 Select \lor and check ODrive 3.6 Native Interface (Interface 2).

Zadig		- 🗆 🗙
evice Options Help	/	
USB Keyboard (Interface 0)		✓ □ Edit
USB Keyboard (Interface 0)		
ODrive 3.6 Native Interface (Interface	2) 🥌	ation
Usb Mouse		boon
ODrive 3.6 CDC Interface (Interface 0)		WHI IST SAME NO
	Replace Driver	libusbK
wcid 2 🗙		WinUSB (Microsoft)
		<u></u>
devices found.		Zadig 2.5.73

5.5 Click ▲▼, check libusb-win32 (v 1.2.6.0).

	opuons neip		1
ODrive	3.6 Native Interface (Interf	ace 2)	✓ □Edit
Driver	WINUSB (v10.0.19041.1)	ibusb-win32 (v1.2.6.0)	More Information
USB ID	1209 0D32 02	Replace Driver	libusb-win32 libusbK WinLISB (Microsoft)

5.6 Click Restore Driver.

ODrive	3.6 Nati	ve Interfa	ace (Interf	ace 2)					~ []Ec
Driver	WINUS	8 (v 10.0.	19041.1)	-	libusb-win32 (v1.2.6.0)	×.	More In WinUSB	iformati (libusb)	on
JSB ID	1209	0D32	02	1		- 1		libusb-w	in32	
		TNUISB	1		Replace	Driver	-	libusbK	1	

5.7 Wait for installation.

Driver WINUSB (v 10.0.1)	
Wiel ICP (ibug	nation
USB ID 1209 0D32 02 libusb-win32	वा

5.8 When the installation is complete, click Close.

📧 Zadig		-	
Device Optic Driver Installation	i		
ODrive 3.6 Na The driver	was installed successfully.		✓ ☐ Edit
Driver libust		Slose	formation (libusb)
WCID ² WINUSB	Install WCID Driver	libusbK WinUSB	(Microsoft)
Driver Installation: SUCCESS		2	Zadig 2.5.730

5.9 Quit Zadig.

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nation
osoft)
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6.0 Test the odrivetool

6.1 Command terminal, enter odrivetool, enter. The hardware serial number appears and the connection is successful.



6.2 Enter odrv0.hw_version_variant to view the current hardware voltage version.



6.3 Enter the odrv0.vbus_voltage to view the current supply voltage.



6.4 Enter dump_errors (odrv0) to view errors.



6.5 ODESC and the computer communicate successfully.

The environment installation test is complete.