# Driver Installation Guide for ETS Tilt-Switch

# Configuration Cable: EL-CAB-ETS-UART





# **Description:**

The purpose of this guide is to show the correct procedure for Installing drivers for the EL-CAB-ETS-UART cable which can be used to adjust settings in the level Developments ETS series tilt switches. The cable can be purchased from the EL-CAB-ETS-UART product webpage, and the usage instructions can be found on the "EL-CAB-ETS-UART product description & instructions PDF" as shown below.

# EL-CAB-ETS-UART webpage:

https://www.leveldevelopments.com/products/inclinometers/inclinometer-accessories/el-cab-ets-uart-ttlserial-cable-usb-a-to-usb-mini-b-2m/

# **EL-CAB-ETS-UART product description & instructions PDF:**

https://www.leveldevelopments.com/wp/wp-content/uploads/documents/EL-CAB-ETS-UART Config Cable for ETS.pdf

#### **Please Note:**

The cable and configuration software are intended for use with windows operating systems only and are compatible with both 32bit and 64bit versions of the Windows 10 operating system. The driver should be installed through windows update only. Level Developments Ltd. are not the author of the driver and cannot be held liable for any damages arising from the use of both drivers and software.

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#### **Step 1:** Connect the EL-CAB-ETS-UART to the computer.



**Step 2:** Ensure you are logged in as an administrator and navigate to the Control Panel, click on "device manager" and the following screen will open. The EL-CAB-ETS-UART should be detected by windows and labelled "CP2102 USB to UART Bridge Controller". If your computer doesn't already have a compatible driver installed, then a warning will be displayed beside the device as shown below. Right click on the device and select "Properties".

🛃 Device Manager	_	×
File Action View Help		
V 🗄 ENGINEERING3		 
Audio inputs and outputs		
> 🖲 Cameras		
> 💻 Computer		
> 👝 Disk drives		
> 🏣 Display adapters		
> 🖉 DVD/CD-ROM drives		
> 🛺 Human Interface Devices		
> 📷 Imaging devices		
> 🔤 Keyboards		
Mice and other pointing devices		
> 🦲 Monitors		
> 🚍 Network adapters		
✓  ↓ Other devices		
CP2102 USB to UART Bridge Controller		
> 🗒 Ports (COM & LPT)		
> 📇 Print queues		
> 📇 Printers		
>  Processors		
> I Security devices		
> Software devices		
Sound, video and game controllers		
> 🕍 Storage controllers		
> 🏣 System devices		
> 🏺 Universal Serial Bus controllers		
🔪 💼 WSD Print Provider		

#### Step 3: Click on "Update Driver"

CP2102 USB to UART Bridge Controller Properties				
General	Driver Details	Events		
?	CP2102 USB to U	JART Bridge Controller		
	Device type:	Other devices		
	Manufacturer:	Unknown		
	Location:	Port_#0012.Hub_#0003		
Devic The Ther To fir	e status drivers for this devic e are no compatible nd a driver for this d	e are not installed. (Code 28)		
		Update Driver		
		OK Cance	I	

**Step 4:** Click on "Search for updated drivers on Windows Update".



**Step 5:** Select/enable the option for "Silicone Laboratories inc. Ports – 10.1.10.103". (Please note that the version number may increase over time), then press "Download and Install"

← Settings	_		$\times$
Choose the updates you want and then select Download and install.			
✓ Windows updates ☐ Feature update to Windows 10, version 21H2			
✓ Driver updates			
If you have a specific problem, one of these drivers might help. Otherwise, automatic updates will ke to date.	ep your o	drivers	цр
Silicon Laboratories Inc Ports - 10.1.10.103			
Download and install			

**Step 6:** The warning icon should be cleared to indicate that the driver installation was successful.



Once complete, please refer to the following document for instructions on using the cable: <u>https://www.leveldevelopments.com/wp/wp-content/uploads/documents/EL-CAB-ETS-</u> <u>UART Config Cable for ETS.pdf</u>