

Legen Heirweg 33 9890 Gavere, Belgium

Installation of Software / Driver for K8061 or VM140 on Windows 10 32 - 64 Bit.

Installation Guide:

 Download the latest software from this our site: <u>https://www.velleman.eu/downloads/files/downloads/k8061 driver v4 0.zip</u>

Please install with full Administrator privileges and click on "Install this driver software anyway" if you get a pop-up that Windows cannot verify the publisher of the driver.

- 2) Unzip (extract) the downloaded setup file.
- Then connect the K8061 onto USB port. Note do not use an USB 3.0 port (blue port). Then Power on the K8061 via 12V DC adaptor.
- 4) Install the driver for K8061.
 - To install the driver, you must disable the driver signature enforcement. To do so, reboot the computer in special mode called: "disable driver signature enforcement"

A guide how to do: Here you will find the instructions how to disable driver signature enforcement in Windows 10: We prefer to use option 2. <u>How to</u> <u>Disable Driver Signature Verification on 64-Bit Windows 8 or 10 (So That You</u> <u>Can Install Unsigned Drivers) (howtogeek.com)</u>



Hold shift key pressed while you click on "Restart".

b. Once your computer has rebooted, you will be able to choose the **Troubleshoot** option.





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c. Now choose Advanced options.



d. Choose Startup Settings.

Advanced options								
<u></u>	System Restore Use a restore point recorded on your PC to restore Windows	₽	Startup Settings Change Windows startup behavior					
< 0 >	Startup Repair Fix problems that keep Windows from loading							

Since we are modifying boot time configuration settings, you will need to restart your computer one last time. Finally, you will be given a list of startup settings that you can change. The one we are looking for is "Disable driver signature enforcement". To choose the setting, you will need to press the <u>F7 function key</u>.

Startup Settings
Press a number to choose from the options below:
Use number keys or functions keys F1-F9.
1) Enable debugging 2) Enable boot logging 3) Enable low-resolution video
 4) Enable Safe Mode 5) Enable Safe Mode with Networking 6) Enable Safe Mode with Comparison of the Safe Mode with Networking
 6) Enable Safe Mode with Command Prompt 7) Disable driver signature enforcement 8) Disable early launch anti-malware protection 9) Disable automatic restart after failure

Your PC will now reboot one more time and you will be able to install unsigned drivers without any error message.



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- 5) Open "Control Panel" and navigate to "Device Manager".
 - a. In this driver list, you will find a Yellow exclamation mark at (Other devices): **K8061** USB Interface board.

🛔 Device Manager

File Action View Help
V 🗄 DESKTOP-S20AGTK
> 4 Audio inputs and outputs
> 💻 Computer
> 👝 Disk drives
> 🏣 Display adapters
> 🔐 DVD/CD-ROM drives
> 🎽 Firmware
> 🛺 Human Interface Devices
> 📷 IDE ATA/ATAPI controllers
> 🔤 Keyboards
> II Mice and other pointing devices
> 🛄 Monitors
> 🖵 Network adapters
✓ ↓ [®] Other devices
K8061 USB Interface Board
> 📃 Portable Devices
> 🛱 Ports (COM & LPT)
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6) Click K8081 USB Interface Board, now click on **Update icon** under the menu balk "**Update device driver**".





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7) A window appears. And choose "Browse on computer for drivers".

Update Drivers - K8061 USB Interface Board	
How do you want to search for drivers?	
→ Search automatically for drivers Windows will search your computer for the best available driver and install it on your device.	
→ Browse my computer for drivers Locate and install a driver manually.	

8) Check "Include subfolders", and klick on Browse Button

← ■ Update Drivers - K8061 USB Interface Board

Browse for drivers on your computer

		~	B <u>r</u> owse
nclude subfolders	;		

→ Let me pick from a list of available drivers on my computer This list will show available drivers compatible with the device, and all drivers in the same category as the device. Cancel



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- 9) Navigate to the extracted downloaded driver folder: k8061_driver_v4_0 and click Next.

 - 🔶 📱 Update Drivers K8061 USB Interface Board

Browse for drivers on your computer



- → Let me pick from a list of available drivers on my computer This list will show available drivers compatible with the device, and all drivers in the same category as the device.
 - <u>N</u>ext Cancel
- 10) A "Windows Security" window appears, click on "Install this driver software anyway".





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11) An installation process will be shown in a window. When installation is completed, the driver is now installed correctly. The Yellow exclamation mark in the list of device manager is gone.

manager	is gone.		
🔒 Device N	lanager	-	×
<u>File</u> <u>Action</u>	n <u>V</u> iew <u>H</u> elp		
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> II A	udio inputs and outputs		
	omputer		
~ Q C	ustom USB Devices		
. i	K8061 USB Interface Card		- 11
> _ D	isk drives		
> 🥃 D	isplay adapters		
> 🔐 D	VD/CD-ROM drives		

12) After the installation of the driver, copy the file K8061.dll from extracted (downloaded .zip folder: "k8061_driver_v4_0") to this folder location: C:\Windows\SysWOW64.

Image: File Image: File K8061_DLL_v4.0.0.0 File Home Share View						
Pin to Quick access	h Hore Copy Delete Rename	New item • New item • Pasy access • folder	Properties Alistory	Select all Select none Invert selection		
← → ~ ↑ → k8061 → k8061	_driver_v4_0 > K8061_DLL_v4.0.0.0	new	optir			
		Name		Date modified	Туре	Size
🖈 Quick access		K8061.dll		18/10/2012 10:32	Application exten	291 KB
📥 OneDrive	🐺 K8061_Dem	o.exe	18/10/2012 10:28	Application	370 KB	
💻 This PC						

- 13) Reboot PC a last time again.
- 14) The K8061 / VM140 is now ready to use. Open the Demo software and click on connect button. CPU OK & USB connected message will be appear when board is powered, connected to USB and Hardware is okay.

🕼 K8061 USB Interfa	ce Board										-		×
Connect All cards connected.		Digital	Inputs 2	3 🔽 4	57	6 🔽 7	8	Digital (Dutputs	3 🗖 4	□ 5 □	6 🗖 7	□ 8
Select Card © 0 0 C 0 C 0 C 0 C 0 C 0	AD1	AD2	AD3	AD4		DA2 - - - -	DA3 - -		DA5- - -	- DA6- 	- DA7 	DA8 - -	PWM
USB Connected	0	0	0	0	-		1			-		-	
Set All Digital Clear All Digital Set All Analog Clear All Analog Output Test	AD5	AD6	AD7	AD8	- - - - - - - - 0	- - - - - - - - - - - - - - - - - - -	· · · · ·] 0	- - - - - - -		· · · · ·] 0	-		0
Version Info													