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TECHNOTE: 11/2023

Subject:

How to install the Elatec TWN4 MultiTech or MultiTech2 DATE: November, 2023 AUTHOR: TECHNICAL SUPPORT PRODUCT/AREA: Encoding

To correctly install and configure the Elatec TWN4 MultiTech/MultiTech2 encoder according with the cardPresso requirements, please follow the instructions below:

Download the latest TWN4 MultiTech driver package (**TWN4DevPack464**) available through the link below. <u>https://www.cardpressodownloads.com/filesforclient/Private/Support/TWN4DevPack464.zip</u> Extract the downloaded .zip file.

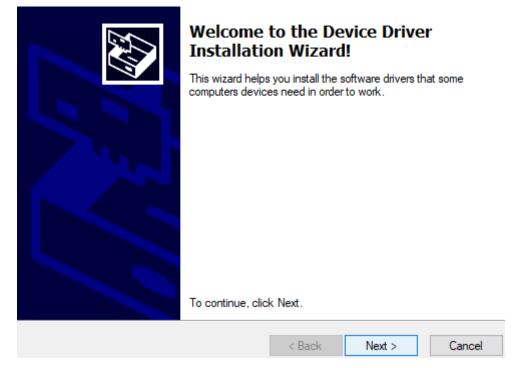
Go to the TWN4DevPack464\Driver folder and execute the Install.bat file.

Name	Date modified	Туре	Size
Drivers	14/06/2023 10:46	File folder	
💿 Install.bat	09/12/2014 12:09	Windows Batch File	2
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Click on the **Next** button to proceed with the driver installation wizard.

Device Driver Installation Wizard



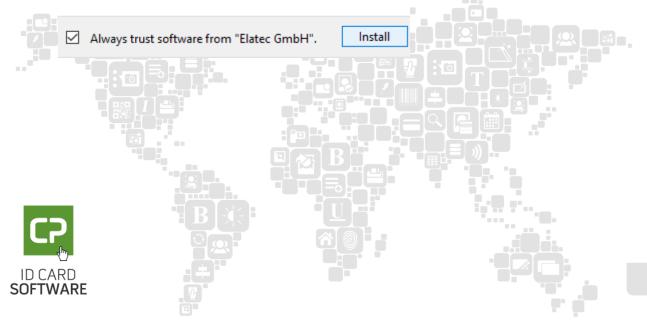
If the following "Windows Security" window is prompted, allow the device to be installed.

E Windows Security

Would you like to install this device software?



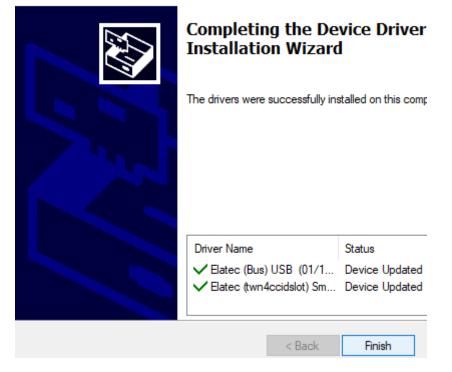
Name: Elatec Universal Serial Bus controllers Publisher: Elatec GmbH





In case the following output is returned, it means that the driver was correctly installed and the installation wizard can be closed by clicking on the **Finish** button.

Device Driver Installation Wizard



Now that the driver is correctly installed, it's also required to flash the correct Firmware version. To do it, go to the **TWN4DevPack464** folder and run the **AppBlaster.exe** application.

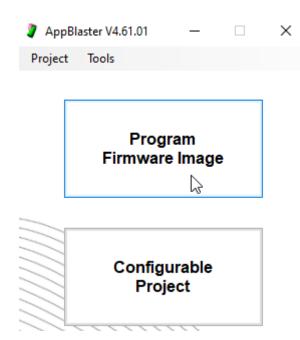
	~			
	Name	Date modified	Туре	Size
	Apps	14/06/2023 10:46	File folder	
	Docs	14/06/2023 10:46	File folder	
*	Driver	14/06/2023 10:46	File folder	
··· *		14/06/2023 10:46	File folder	
*		14/06/2023 10:46	File folder	
*		14/06/2023 10:46	File folder	
*	🤰 AppBlaster.exe	14/06/2023 10:43	Application	969 KB
*	🦄 Director.exe	23/05/2022 12:20	Application	943 KB
~	👃 EULA DocRev3.pdf	28/10/2020 14:34	Adobe Acrobat D	74 KB
_	📓 What's New.txt	14/06/2023 10:46	TXT File	5 KB
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TWN4DevPack464

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Click on the **Program Firmware Image** button.



Click on the Select Image button.

3	Program Firmware Image	_		
	🗲 Settings			
	Step 1			
	Firmware Image:			
		Select Image	e	
	Step 2	Program Imag	ge	
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For the MultiTech and MultiTech2 encoder, browse for the TWN4_xPx464_S1SC160_Multi_CCID_1Slot_Standard.bix file, located under the TWN4DevPack464\Firmware folder.

		III 🔻 🔟 🌔
Name	Date modified	Туре
BLE Module	28/11/2023 17:07	File folder
TWN4_xCx464_LXT110_Multi_Legic_Transparent.bix	28/11/2023 17:07	BIX File
TWN4_xCx464_PRS104_Multi_CDC_Simple_Protocol.bix	28/11/2023 17:07	BIX File
TWN4_xCx464_STD204_Multi_CDC_Standard.bix	28/11/2023 17:07	BIX File
TWN4_xKx464_DMP108_Multi_Keyboard_Dump.bix	28/11/2023 17:07	BIX File
TWN4_xKx464_STD204_Multi_Keyboard_Standard.bix	28/11/2023 17:07	BIX File
TWN4_xKx464_STDC204_Multi_Keyboard_Standard_Accept_Config_Cards.bix	28/11/2023 17:07	BIX File
TWN4_xKx464_STDU204_Multi_Keyboard_Standard_Accept_Upgrade_Cards.bix	28/11/2023 17:07	BIX File
TWN4_xKx464_STDX204_Multi_Keyboard_Standard_Accept_Config_Upgrade_Cards.bix	28/11/2023 17:07	BIX File
TWN4_xKx464_TRC229_Multi_Tracer.bix	28/11/2023 17:07	BIX File
TWN4_xPx464_S1SC160_Multi_CCID_1Slot_Standard.bix	28/11/2023 17:07	BIX File
e: TWN4_xPx464_S1SC160_Multi_CCID_1Slot_Standard.bix	 ✓ Apps, Fir 	mware (*.t4a, *.app, *.ł 🗸
	Оре	n Cancel

Note: By selecting a wrong firmware file, it could be incompatible with the connected TWN4 encoder, or it could program it in a wrong way, so we suggest that you double-check it.

Click on the **Program Image** button.

	Step 2 Program Image	
:C): -20	Messages Checksum of image: (No checksum found) Check compatibility: OK Programming Firmware: OK Programming App: OK Firmware after programming: TWN4 Core, V4.64, CCID Restarting: OK Done.	
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The returned output on the **Messages** section should be similar to the demonstrated above.

After completing the previous steps, the encoder should be displayed as a single **Slot 0** on the Windows Devices and Printers view, PC/SC Diagnostics tool and cardPresso application.

Contactless encoders	Elatec SmartCard Reader 0 Slot 0
	Elatec SmartCard Reader 0 Slot 0

We suggest contacting our support team through the email <u>support@cardpresso.com</u> for more information.

Generally, you can encode 13.56MHz and 125kHz cards using **Slot 0**.

Please make sure that you are using the latest cardPresso version, available for download in our website.

