

UAV-ESC  
Electronic Speed Controllers

Firmware Version «Readme»

Edition 2022-11

It is essential that you read / understand / follow the below information!

VERSION DETAILS

Speed Controllers	Order Number	Firmware Version		Hardware Version	Application	
		Latest Edition	First Edition		Number	Version
UAV-ESC 52/30 Digital I/O	654541	0x0130	0x0120	0xA400	0x0000	0x0000
UAV-ESC 52/30 CAN	654538	0x0130	0x0130	0xA401	0x0000	0x0000

## IMPORTANT INFORMATION

The functionality of an UAV-ESC device is determined by its internal operating software (the so-called firmware). The firmware itself is subject to continuous development as part of an ongoing improvement process and is therefore being updated on a regular basis.

- UAV-ESC devices are shipped with the latest firmware version available.
- New versions may feature additional or enhanced functionality as well as improved safety-relevant functions, which might not be fully compatible with former versions!

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*Before downloading a new version, you must check for its compatibility with the hardware version you are currently using! Consult maxon motor if you are in doubt.*

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- Earlier versions are available on request.
- Be aware that you alone are responsible for using the appropriate firmware version in your present device. Consult maxon motor if you are in doubt.

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*maxon motor ag or its representatives do not take responsibility nor obligation for any defect (such as, but not concluding; malfunction of the device and/or attached equipment, loss of production, etc.) caused by incompatibility of firmware versions and/or by mismatch of a particular firmware version with a given hardware version!*

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## VERSION HISTORY

UAVESC_0130h_Axxxh_0000h_0000h (Release 2022-11)		
<b>Binary Files</b>	UAV-ESC 52/30 Digital I/O	UAVESC_0130h_A400h_0000h_0000h.bin
	UAV-ESC 52/30 CAN	UAVESC_0130h_A401h_0000h_0000h.bin
<b>Features</b>	Introduction	UAV-ESC 52/30 CAN
	Communication	New DroneCAN communication for UAV_ESC 50/30 CAN
	Parameter	New axis polarity object
	Motor thermal protection	Support of motor temperature sensor
	Over voltage protection	New over voltage derating functionality
<b>Changes</b>	Bugfix	General minor bug fixing and improvements

UAVESC_0120h_A400h_0000h_0000h (Release 2020-09)		
<b>Binary Files</b>	UAV-ESC 52/30 Digital I/O	UAVESC_0120h_A400h_0000h_0000h.bin
<b>Features</b>	Full Range	First official release

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