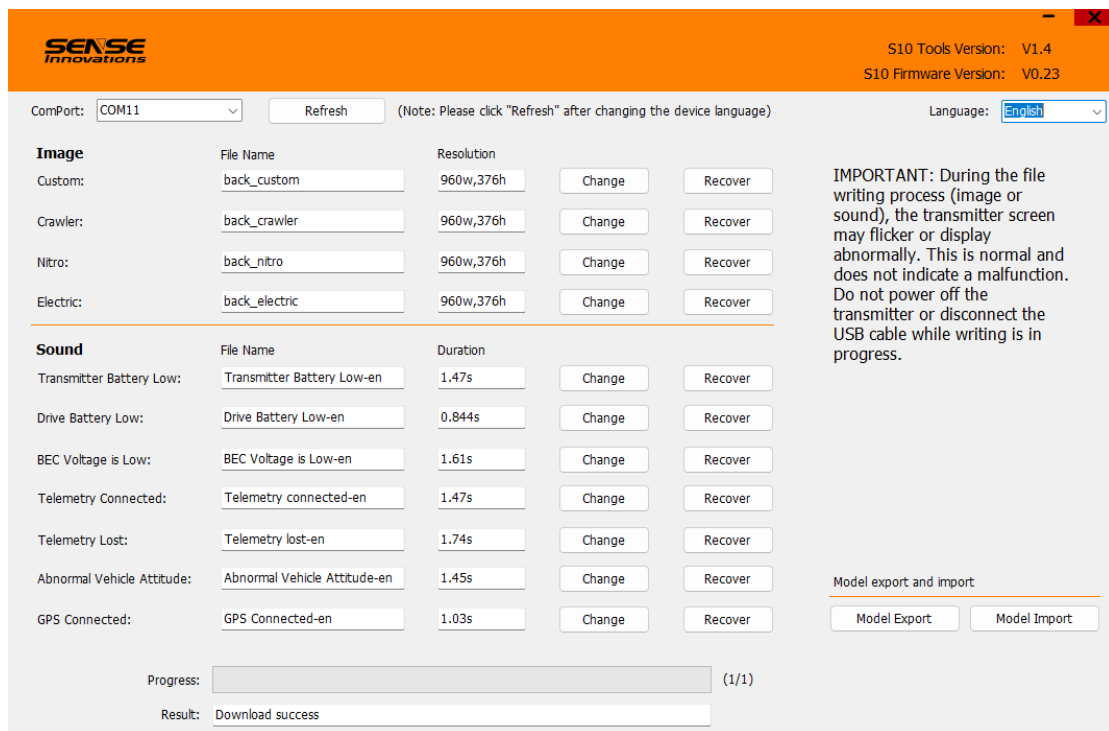


S10 TOOLS User Manual

Device Connection

1. First, power on the transmitter. Then, use the original USB cable provided to connect the transmitter to a USB port on the PC. Once successfully connected, the computer will emit a new hardware connection sound.
2. Open the S10 TOOL software.



3. Click the **Port** dropdown menu, select the COM port corresponding to the S10 transmitter, and establish the connection.

SENSE Innovations

S10 Tools Version: V1.4
S10 Firmware Version: --

ComPort: COM10
COM9
COM11 Refresh (Note: Please click "Refresh" after changing the device language) Language: English

Image

	Name	Resolution		
Custom:			Change	Recover
Crawler:			Change	Recover
Nitro:			Change	Recover
Electric:			Change	Recover

Sound

	File Name	Duration		
Transmitter Battery Low:			Change	Recover
Drive Battery Low:			Change	Recover
BEC Voltage is Low:			Change	Recover
Telemetry Connected:			Change	Recover
Telemetry Lost:			Change	Recover
Abnormal Vehicle Attitude:			Change	Recover
GPS Connected:			Change	Recover

Model export and import

Model Export Model Import

Progress: (1/1)
Result:

IMPORTANT: During the file writing process (image or sound), the transmitter screen may flicker or display abnormally. This is normal and does not indicate a malfunction. Do not power off the transmitter or disconnect the USB cable while writing is in progress.

4. Upon successful connection, the device information will be displayed immediately.

SENSE Innovations

Background Image

S10 Tools Version: V1.4
S10 Firmware Version: V0.23

ComPort: COM11 Refresh (Note: Please click "Refresh" after changing the device language) Language: English

Image

	File Name	Resolution		
Custom:	back_custom	960w,376h	Change	Recover
Crawler:	back_crawler	960w,376h	Change	Recover
Nitro:	back_nitro	960w,376h	Change	Recover
Electric:	back_electric	960w,376h	Change	Recover

Sound

	File Name	Duration		
Transmitter Battery Low:	Transmitter Battery Low-en	1.47s	Change	Recover
Drive Battery Low:	Drive Battery Low-en	0.844s	Change	Recover
BEC Voltage is Low:	BEC Voltage is Low-en	1.61s	Change	Recover
Telemetry Connected:	Telemetry connected-en	1.47s	Change	Recover
Telemetry Lost:	Telemetry lost-en	1.74s	Change	Recover
Abnormal Vehicle Attitude:	Abnormal Vehicle Attitude-en	1.45s	Change	Recover
GPS Connected:	GPS Connected-en	1.03s	Change	Recover

Model export and import

Model Export Model Import

Progress: (1/1)
Result: Download success

IMPORTANT: During the file writing process (image or sound), the transmitter screen may flicker or display abnormally. This is normal and does not indicate a malfunction. Do not power off the transmitter or disconnect the USB cable while writing is in progress.

S10 TOOL version and S10 Transmitter version

Sound

Model export and import

Changing the Background Image

1. Click the **Replace** button in the image section to change any of the four background

images. The screen resolution of the S10 transmitter is **960×376**. It is recommended that the replacement image uses the same resolution. If the resolution does not match, the displayed background will be stretched to fit the screen resolution.

Image		File Name	Resolution	Change	Recover
Custom:		back_custom	960w,376h		
Crawler:		back_crawler	960w,376h		
Nitro:		back_nitro	960w,376h		
Electric:		back_electric	960w,376h		

Sound		File Name	Duration	Change	Recover
Transmitter Battery Low:		Transmitter Battery Low-en	1.47s		
Drive Battery Low:		Drive Battery Low-en	0.844s		
BEC Voltage is Low:		BEC Voltage is Low-en	1.61s		
Telemetry Connected:		Telemetry connected-en	1.47s		
Telemetry Lost:		Telemetry lost-en	1.74s		
Abnormal Vehicle Attitude:		Abnormal Vehicle Attitude-en	1.45s		
GPS Connected:		GPS Connected-en	1.03s		

IMPORTANT: During the file writing process (image or sound), the transmitter screen may flicker or display abnormally. This is normal and does not indicate a malfunction. Do not power off the transmitter or disconnect the USB cable while writing is in progress.

Model export and import

Model Export Model Import

Progress: (1/1)

Result: Download success

2. Click the **Restore** button to reset the corresponding background image to the official default image.

Changing Voice Prompts

1. Click the **Replace** button in the sound section to change the voice prompt for each system status. The maximum duration for each voice prompt is **2 seconds**. If the replacement audio exceeds 2 seconds, the system will only download and play the first 2 seconds.

S10 Tools Version: V1.4
S10 Firmware Version: V0.23

ComPort: COM11 Refresh (Note: Please click "Refresh" after changing the device language)

Language: English

Image	File Name	Resolution		
Custom:	back_custom	960w,376h	Change	Recover
Crawler:	back_crawler	960w,376h	Change	Recover
Nitro:	back_nitro	960w,376h	Change	Recover
Electric:	back_electric	960w,376h	Change	Recover

IMPORTANT: During the file writing process (image or sound), the transmitter screen may flicker or display abnormally. This is normal and does not indicate a malfunction. Do not power off the transmitter or disconnect the USB cable while writing is in progress.

Sound	File Name	Duration		
Transmitter Battery Low:	Transmitter Battery Low-en	1.47s	Change	Recover
Drive Battery Low:	Drive Battery Low-en	0.844s	Change	Recover
BEC Voltage is Low:	BEC Voltage is Low-en	1.61s	Change	Recover
Telemetry Connected:	Telemetry connected-en	1.47s	Change	Recover
Telemetry Lost:	Telemetry lost-en	1.74s	Change	Recover
Abnormal Vehicle Attitude:	Abnormal Vehicle Attitude-en	1.45s	Change	Recover
GPS Connected:	GPS Connected-en	1.03s	Change	Recover

Model export and import
Model Export Model Import

Progress: (1/1)
Result: Download success

2. Click the **Restore** button to reset the corresponding voice prompt to the official default sound.

Model Import/Export

S10 Tools Version: V1.4
S10 Firmware Version: V0.23

ComPort: COM11 Refresh (Note: Please click "Refresh" after changing the device language)

Language: English

Image	File Name	Resolution		
Custom:	back_custom	960w,376h	Change	Recover
Crawler:	back_crawler	960w,376h	Change	Recover
Nitro:	back_nitro	960w,376h	Change	Recover
Electric:	back_electric	960w,376h	Change	Recover

IMPORTANT: During the file writing process (image or sound), the transmitter screen may flicker or display abnormally. This is normal and does not indicate a malfunction. Do not power off the transmitter or disconnect the USB cable while writing is in progress.

Sound	File Name	Duration		
Transmitter Battery Low:	Transmitter Battery Low-en	1.47s	Change	Recover
Drive Battery Low:	Drive Battery Low-en	0.844s	Change	Recover
BEC Voltage is Low:	BEC Voltage is Low-en	1.61s	Change	Recover
Telemetry Connected:	Telemetry connected-en	1.47s	Change	Recover
Telemetry Lost:	Telemetry lost-en	1.74s	Change	Recover
Abnormal Vehicle Attitude:	Abnormal Vehicle Attitude-en	1.45s	Change	Recover
GPS Connected:	GPS Connected-en	1.03s	Change	Recover

Model export and import
Model Export Model Import

Progress: (1/1)
Result: Download success

Model Import/Export function

Model Export

The Model Export function is used to export all settings of the **current** model on the transmitter to a file for backup or sharing. Before exporting, ensure that the transmitter is switched to the model you wish to export.

Steps:

1. Click the **Model Export** button, and in the pop-up window, select the save path for the model file.
2. Click **Save**, and the system will complete the export of the current model settings.

Model Import

The import operation will overwrite all settings of the current model with the configuration from the selected file. Before proceeding, please confirm that the current model data is no longer needed.

During the import process, strictly follow the on-screen prompts and be sure to perform the following safety operations:

1. **Disconnect:** Disconnect receiver power before importing.
2. **Physical Isolation:** Lift the vehicle off the ground (all four wheels suspended) and unplug all servo connectors from the receiver to prevent servo damage caused by sudden parameter changes.

After the import is complete, verify in the following order:

1. Reconnect the power system and, with the vehicle still suspended, confirm that the throttle neutral point and forward/reverse directions are correct.
2. Reconnect the servos one by one, confirming that the movement direction and travel of each channel are normal.
3. Only after confirming that all channels are functioning properly, may you place the vehicle on the ground and drive.

Steps:

1. Click the **Model Import** button and select the desired model file in the pop-up window.
2. Click **Open**, follow the prompts to complete each step, and finally click **Confirm**

Import to finish the model import.

Switching the Software Language

The screenshot displays the SENSE Innovations S10 Tools software interface. At the top, the SENSE Innovations logo is on the left, and the version information (S10 Tools Version: V1.4, S10 Firmware Version: V0.23) is on the right. Below the header, there is a 'ComPort' dropdown menu set to 'COM11', a 'Refresh' button, and a 'Language' dropdown menu set to 'English'. A blue box highlights the 'Refresh' button with the text '(Note: Please click "Refresh" after changing the device language)'. Another blue box highlights the 'Language' dropdown menu with the text '1.Switch language'. A blue arrow points from the 'Refresh' button to the 'Language' dropdown menu with the text '2.Click the Refresh button'. The main area of the software is divided into two sections: 'Image' and 'Sound'. The 'Image' section has a table with columns 'File Name', 'Resolution', 'Change', and 'Recover'. It lists four items: Custom (back_custom, 960w,376h), Crawler (back_crawler, 960w,376h), Nitro (back_nitro, 960w,376h), and Electric (back_electric, 960w,376h). The 'Sound' section has a table with columns 'File Name', 'Duration', 'Change', and 'Recover'. It lists seven items: Transmitter Battery Low (Transmitter Battery Low-en, 1.47s), Drive Battery Low (Drive Battery Low-en, 0.844s), BEC Voltage is Low (BEC Voltage is Low-en, 1.61s), Telemetry Connected (Telemetry connected-en, 1.47s), Telemetry Lost (Telemetry lost-en, 1.74s), Abnormal Vehicle Attitude (Abnormal Vehicle Attitude-en, 1.45s), and GPS Connected (GPS Connected-en, 1.03s). On the right side, there is a warning message: 'IMPORTANT: During the file writing process (image or sound), the transmitter screen may flicker or display abnormally. This is normal and does not indicate a malfunction. Do not power off the transmitter or disconnect the USB cable while writing is in progress.' At the bottom right, there are buttons for 'Model Export' and 'Model Import'. At the bottom left, there is a 'Progress' bar and a 'Result' field showing 'Download success'.

ComPort: COM11 Refresh (Note: Please click "Refresh" after changing the device language) Language: English

Image

	File Name	Resolution	Change	Recover
Custom:	back_custom	960w,376h	Change	Recover
Crawler:	back_crawler	960w,376h	Change	Recover
Nitro:	back_nitro	960w,376h	Change	Recover
Electric:	back_electric	960w,376h	Change	Recover

Sound

	File Name	Duration	Change	Recover
Transmitter Battery Low:	Transmitter Battery Low-en	1.47s	Change	Recover
Drive Battery Low:	Drive Battery Low-en	0.844s	Change	Recover
BEC Voltage is Low:	BEC Voltage is Low-en	1.61s	Change	Recover
Telemetry Connected:	Telemetry connected-en	1.47s	Change	Recover
Telemetry Lost:	Telemetry lost-en	1.74s	Change	Recover
Abnormal Vehicle Attitude:	Abnormal Vehicle Attitude-en	1.45s	Change	Recover
GPS Connected:	GPS Connected-en	1.03s	Change	Recover

IMPORTANT: During the file writing process (image or sound), the transmitter screen may flicker or display abnormally. This is normal and does not indicate a malfunction. Do not power off the transmitter or disconnect the USB cable while writing is in progress.

Model export and import

Model Export Model Import

Progress: (1/1)

Result: Download success

Use the language dropdown menu in the upper-right corner of the software to switch the interface language. After switching the language successfully, click the **Refresh** button to update the transmitter data.