

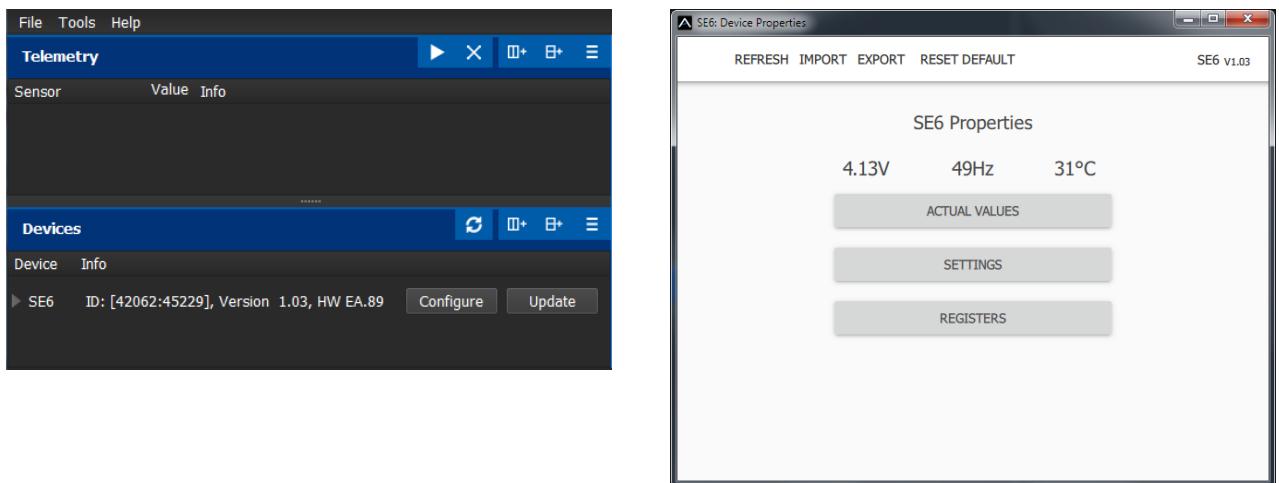
SE6 RELEASE NOTES

VERSION 1.04 (APRIL 2024)

- FrSky: Introduced compatibility with FPort and FBus capable receivers. The SE6 receives and decodes servo positions from the data stream. The device is able to decode all channel data (from FBUS 8 up to FBUS 24), only the first 16 channels may be assigned to the servo outputs.
- FrSky: The SE6 only reads the serial data from the receiver. It does not send any telemetry or configuration back, so the optional channel assignment has to be done using the MAV Manager software. It is possible to combine multiple SE4s and SE6s on a single bus.
- Frsky and Futaba SBUS: Improved channel position matching, so that the servo positions at SE6 outputs are equal to the corresponding receiver outputs.

VERSION 1.03

- Improved compatibility with JETI EX Bus 24-channel mode.
- Added PowerBox P2Bus support on the Rx input, including telemetry (voltage/temperature).
- PC Configuration support using the MAV Manager software has been implemented. Use MAV Manager version 1.6.0 or later.



SE6: Device Properties

REFRESH IMPORT EXPORT RESET DEFAULT SE6 v1.03

SE6: Actual Values

Voltage	4.13V	Min: 1.46V Max: 11.38V
Temperature	31°C	Min: -28°C Max: 98°C
Data rate/Fades	49Hz	2
Fail-safe	0	
Servo 1	0%	
Servo 2	0%	
Servo 3	0%	
Servo 4	0%	
Servo 5	0%	
Servo 6	0%	

CLEAR MIN/MAX

Actual telemetry values

SE6: Device Properties

REFRESH IMPORT EXPORT RESET DEFAULT SE6 v1.03

SE6 Settings

Servo output settings

Servo Output Period	Auto
Data Port (Output 6)	Sensor EX/EX Bus

In case you use Hott/SUMD serial protocol, the port No.6 will be reconfigured to the Hott telemetry. You will be able to change the device settings from your transmitter or SMART BOX.

Fail-Safe Delay — 1.5s +

Channel settings

Output	Input Ch.	FS Type	FS Value	Value
Channel 1	— 1 +	Hold	— 0% +	0%
Channel 2	— 2 +	Hold	— 0% +	0%
Channel 3	— 3 +	Hold	— 0% +	0%
Channel 4	— 4 +	Hold	— 0% +	0%
Channel 5	— 5 +	Hold	— 0% +	0%
Channel 6	— 6 +	Hold	— 0% +	0%

APPLY FAIL-SAFE POSITIONS NOW

SE6 Configuration

VERSION 1.02

- Not released to public.

VERSION 1.01

- Initial version.