





Overview 2D GPS/GNSS modules 2022

Size ratios do not correspond to reality!	Available since	Serial	CAN	Name	Rate	GPS/GNSS	CEP	IMU	RTK	Notes	Link
	2000	✓	✗	10 Hz Mouse	10 Hz	GPS	3.00 m	✗	✗	KIT antenna	Website
	2021	✓	✗	25 Hz Mouse	25 Hz	GNSS	< 1.00 m	✗	✗	Logger-Firmware > 100 required to use 25 Hz Mouse	Website
	2015 (2021)	✗	✓	GPS2CAN*	12.5 Hz	GPS	2.50 m	✗	✗	Via firmware update of GPS2CAN modules from 2019+ can receive signals from all GNSS instead of just GPS, which improves positional accuracy. Update reduces the rate from 12.5 to 10 Hz.	Website
					10 Hz	GNSS	1.50 m				
				GPS2CAN_3A3G*	12.5 Hz	GPS	2.50 m	✓			
					10 Hz	GNSS	1.50 m				
	2021	✗	✓	GNSS2CAN*	25 Hz	GNSS	< 1.00 m	✗	✗		Website
				GNSS2CAN_3A3G*				✓			
	2022	✓	✗	10 Hz RTK	10 Hz	GNSS	0.01 m	✗	✓	Logger-Firmware > 100 required to use RTK functionality	

* The update to GPS/GNSS2CAN modules with/without IMU is done via firmware update and can therefore be carried out at any time!

** Set all GPS channels of Logger to sampling rate 10 Hz to receive signals from all GNSS instead of GPS only!