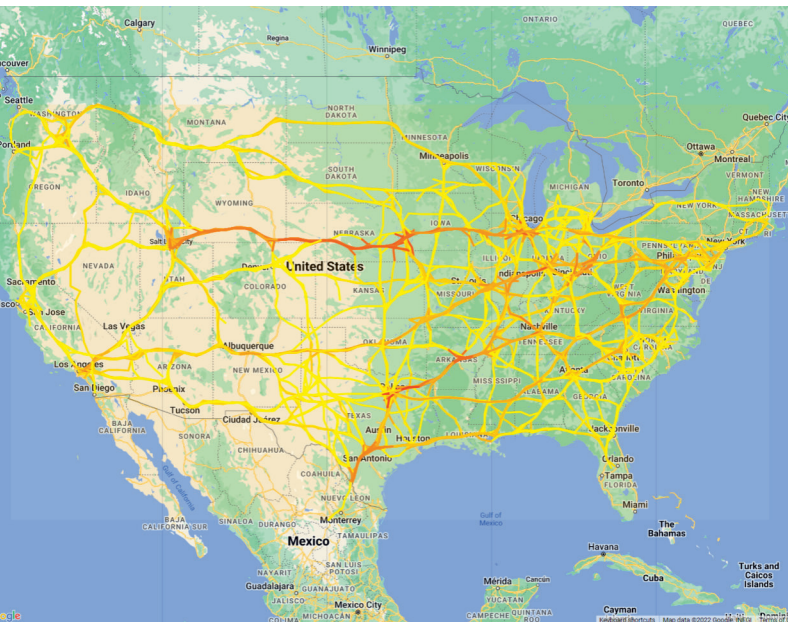


## WeMOTA G2

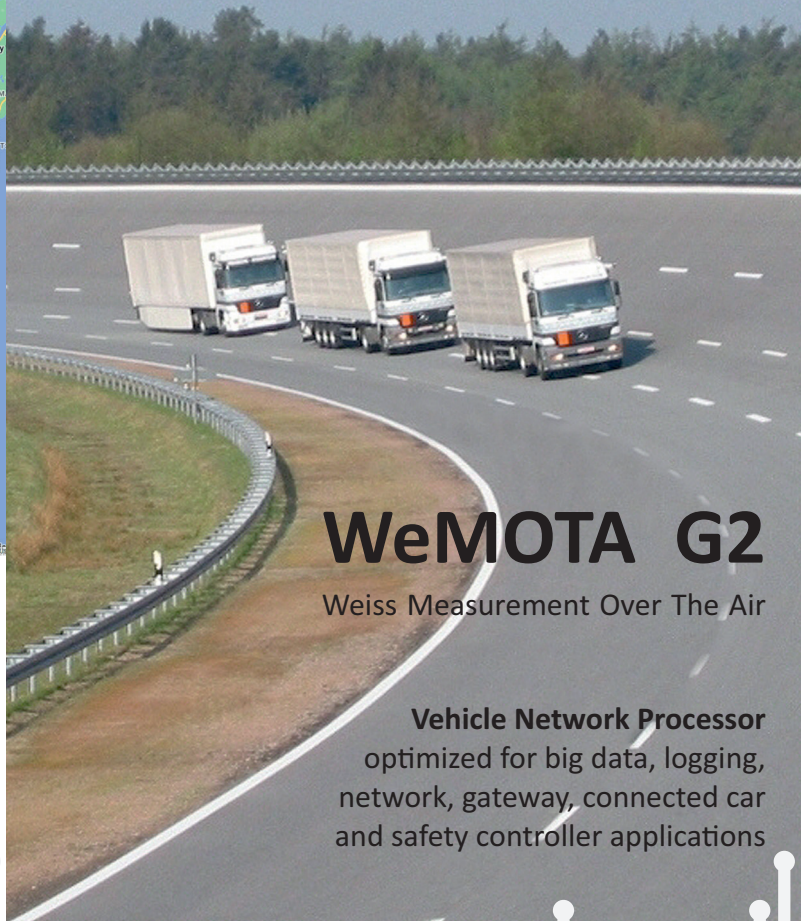
provides Ethernet, 100 Base-T1, 1000 Base-T1, 4G/5G-WWAN,  
USB, SD-Card, GPS, LIN, CAN, FlexRay and Multifunctional Inputs.



Pic.: Frequency-Map based on WeMOTA datalogging



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## WeMOTA G2

Weiss Measurement Over The Air

**Vehicle Network Processor**  
optimized for big data, logging,  
network, gateway, connected car  
and safety controller applications




**Weiß**  
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## WeMOTA G2

### Hardware specification:

- Supply voltage: 6V ... 36V DC
- KL30 Current consumption: <1.0A (12V), <0.5A (24V)
- KL15 Current consumption: <0.1mA
- Temperature range: -20°C ... +70°C
- Dimensions: 215 mm x 150mm x 42mm
- Weight: 1 kg
- Approvals: **CE** and **FC** mark, GITEKI certified radio
- 12 Analog Inputs: 0V...5V / 0V...10 V, 12 Bit, Ri >10 MΩ
- 8 Digital Outputs: High side power switch 1.1A
- 4 CAN-2.0 / CAN-FD interfaces: CAN-2.0, CAN-FD up to 8MBit/s
- 14 CAN-2.0 / CAN-FD interfaces: CAN-2.0, CAN-FD up to 5MBit/s
- 8 LIN interfaces
- 2 FlexRay® interfaces
- 4G LTE or 5G modem with GNSS/GPS
- Up to 1TB industrial grade SSD drive
- 4 x 1 Gbit Ethernet interface
- 1 x 1000MB-T1 Ethernet interface
- 6 x 100MB-T1 Ethernet interface
- SD-Card Interface
- USB Interface
- RTC Real Time Clock
- NXP-S32G274 CPU: 4 ARM® Cortex® A53 64-bit cores, 3 ARM® Cortex® M7 cores, 4 GB RAM
- TFT-Touchscreen Display
- noiseless passive cooling
- customer specific wiring harnesses available



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Upload data request file
Download Vehicledata
Generate new Query
Select new interval

ECHO\_C2C
ECHO\_NG
Fleetboard\_C2C
WEMOTA G1
WEMOTA G2

Datalogger : ECHO_NG					
ID	Device	Model	Last Update	Count	Actions
113	162276581058	HT4507	13.05.2022 02:18	358 / 13	Get data Request new data
114	162276581059	HT4508	13.05.2022 01:37	314 / 15	Get data Request new data
115	162276581062	TM2020_NGC_#12	09.05.2022 15:09	108 / 13	Get data Request new data
116	162276581066	Scrapped in USA	No uploads	0 / 0	
117	162276581067	HX7628	05.04.2022 18:48	383 / 2	Get data Request new data
118	162276581069	HF2478	13.05.2022 01:31	282 / 0	Get data Request new data
119	162276581071	HR2837	20.04.2022 14:57	338 / 11	Get data Request new data
120	162276581074	HF8584	13.05.2022 01:48	302 / 7	Get data Request new data

## WeMOTA G2

### Software specification:

- Create or edit different measurement configurations with WeMOTA-Frontend
- WeMOTA-Frontend is a portable software (no installation necessary)
- Import many different network description databases
- WeMOTA can handle multiple measurement tasks
- Diagnostics can be performed via CAN, CCP, XCP and UDS protocol
- Seed and Key with standard DLL-Files supported
- Multiple measuring triggers can be defined
- Configure type of multifunctional inputs and GPS channels
- Camera interface and recording triggers can be configured



### WeMOTA Cloud:

- Loading configuration to the device via our WeMOTA-cloud server
- See all your devices in the web interface and a summary of recent measurements
- Find out which of your devices are currently online and which ones have not been used for how long
- Configure device settings
- Select special result files or result files of a specific time period for download
- Script controlled download of measurement results is also possible
- Download: Video files; GPS data, or even a map with actual GPS location or travelled route of the device; User-specific evaluations; Recorded CAN data; Recorded diagnostic data; DTC-Readout; Analog data, ...
- Customer specific postprocessing possible
- Load collective evaluation; Artificial intelligence algorithms; Statistics; Maps with customer specific data, ...