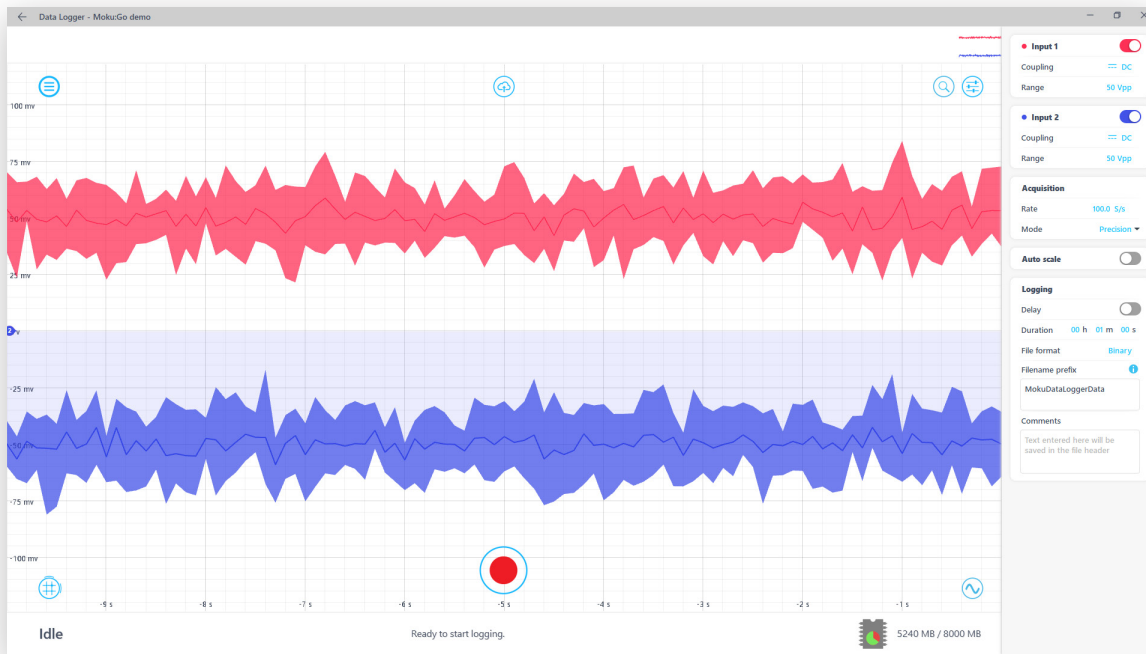




Moku:Go's Data Logger enables you to log data up to 1 MSa/s directly to its internal memory. The versatile front ends allows the user to select between AC / DC couplings, and $\pm 5\text{ V}$ or $\pm 25\text{ V}$ input ranges based on the experiment. It also provides user-configurable sampling rate along with duration and delay start options. Data saved to Moku:Go's internal memory can be uploaded to computers for analysis once the measurement is complete.



Number of Inputs 2	Acquisition Rate Up to 1 MSa/s	Input Range $\pm 5\text{ V}$ to $\pm 25\text{ V}$	Input Coupling AC or DC	Input Impedance 1 M Ω	Waveform Generator Integrated
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Features

- Log voltage data on two independent channels directly to the device.
- Built-in two-channel 20 MHz waveform generator.
- Easily download log files to your computer for analysis. Built-in conversion tool to convert the binary data to .csv, .mat, NumPy format.
- Schedule your log to start on a delay of up to 10 days.

Specifications

- Input range: 10 Vpp, or 50 Vpp
- Input Impedance: 1 M Ω
- Input coupling: AC/DC
- Maximum sampling rate:
 - 1 MSa/s with 1 channel enabled
 - 500 kSa/s with 2 channels enabled
- Minimum sampling rate: 10 Sa/s
- Acquisition modes:
 - Normal: Direct digitization at the acquisition rate
 - Precision mode: Downsampling from maximum sampling rate by averaging

Applications

- Temperature monitoring
- Vibration analysis
- Environment monitoring
- Other sensor data recording