



Data Logging Frequencies

This is a list of the minimum suggested logging rates for the most commonly used sensors. There are cases where using a logging rate other than what is listed here will be more suitable, but these will get you started if you're not sure where to begin. The limitations of each logging device's logging configuration and memory capacity will determine the maximum suitable logging frequencies.

Logged Channel	Min Suggested Logging Frequency [Hz]
Driver	
<i>Throttle Position</i>	20
<i>Brake Pressure</i>	20
<i>Steering Angle</i>	20
<i>Gear Position</i>	10
Chassis	
<i>G Force</i>	20
<i>Yaw Rate</i>	20
<i>Wheel Speed</i>	20
<i>GPS Speed/Position Channels</i>	10
<i>Damper Position</i>	250
<i>Brake Temperature</i>	20
<i>ABS Activity</i>	20
<i>Tyre Temperature</i>	10
<i>Tyre Pressure</i>	10
Powertrain	
<i>Engine Speed</i>	20
<i>Fluid Temperatures</i>	1
<i>Cooling Fluid Pressures</i>	10
<i>Fuel Pressure</i>	20
<i>Inlet Manifold Pressure</i>	20
<i>Lambda</i>	20
<i>Battery Voltage</i>	10