



ALS Brake Pro

Complete set of four wireless advanced multi-channel infrared brake temperature sensors plus receiver with CAN connectivity. Fully configurable, 8 temperature channels / brake with a refresh rate of up to 50Hz. Rechargeable battery with 15 hours of active track time use.

Being a wireless setup, it's very easy to install and moving it from one car to the next literally takes minutes.

Sensor (ALS_TP_SENS)

Temperature Range	-40 to +1200°C
Channels	8 or 4 (configurable)
Accuracy	± 1% up to 150 °C, ± 3% over 150 °C
FOV	110° x 6°
Refresh Rate	1-50Hz (configurable)
Battery	250mAh (built-in charger)
Autonomy	15 Hrs (track use)
Dimensions	64.0 x 42.0 x 17.5 mm
Weight	57g
Material	Aluminum / Polyamide
IP Rating	IP65
Operating Temperature	-40 to +85°C

Receiver (ALS_RCV)

Supply Voltage	5 - 20V
Supply Current	50mA
Connector	ASL006-05PN-HE (mating connector with pins available)
CAN Standard	2.0A (11-bit identifier) or 2.0B
Bit Rate	500 Kbps (default) / 1 Mbps
Byte Order	Big-Endian (MSB first)
CAN Termination	Yes (configurable via jumper)
Base CAN Id	Default 0x200
Temperature Conversion	-200°C offset, 0.1°C / bit
Programmable Parameters	Base CAN Id, Refresh Rate, Emmisivity, Bit Rate

* Please see ALS Tire Pro CAN Protocol document for full details regarding the communication protocol.

