

AiM Sports EVO Series Data Loggers

For simple, economical, and easy-to-use data acquisition systems and digital dash displays, nothing beats AiM!



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AiM EVO4S and EVO5 Data Loggers



AiM EVO4S Data Logger
Part No. MC-700-Length

The logging unit (shown) measures just 5 1/8" long x 1 7/8" high x 1 3/8" deep. Small enough to mount under a motorcycle seat!

SD Card memory expansion slot



AiM EVO5 Data Logger
Part No. MC-705-Length

The logging unit (shown) measures just 4 1/2" long x 1 7/8" high x 2 5/16" deep (main body less Deutsch connectors is 1 3/8" deep)

DATA ACQUISITION

The **AiM EVO4S Data Logger** is a powerful yet compact data logger designed to take advantage of extensive CAN connectivity. Add Data Hubs, Channel Hubs, and TC Hubs (all sold separately, see next page) for virtually unlimited expansion potential. Or simply add sensors (sold separately, see page 39) to take advantage of the 5 analog channels and 2 wheel speed channels. The built-in GPS is configured to provide speed and lap time signals without speed sensors or optical timing beacons. The GPS also works with the internal 3-axis G-force sensor for very accurate track mapping. The 4MB non-volatile memory logs hours of data for wireless download to your computer. Connects easily to many different OEM and aftermarket ECUs to log engine data without adding any other sensors.

The **AiM EVO5 Data Logger** has all of the same features as the EVO4S at left, with a few extras. The most noticeable difference is that while the EVO4S has individual screw-in ports for each sensor, the EVO5 uses premade wiring and sensor harnesses that connect to the logger with two large motorsport-spec Deutsch connectors. The on-board memory of the EVO5 is also expandable simply by plugging an SD card up to 128GB (not included) into the dedicated slot. When you add the optional Auxiliary Harness (sold separately), you also get more analog channels, more wheel speed channels, and two digital outputs. Because of the different connection design, the EVO5 **will require** a CAN Expansion Hub (sold separately, see next page) to add a display or any other CAN peripheral.

AiM EVO4S features:

- Internal 3-axis mechanical accelerometer
- Internal 3-axis gyroscope
- GPS08 Module (preconfigured for lap time and vehicle speed)
- RPM (via ignition signal or ECU)
- 5 analog input channels
- 2 wheel speed input channels
- 1 digital output
- CAN expansion port for virtually unlimited expansion potential
- Lap timing via GPS (included) or optical (sold separately)
- Sensor and wiring connections via individual screw-in ports
- 4 MB non-volatile memory
- Data download via Wi-Fi (no cable needed)
- Data analysis via powerful, flexible Race Studio software

AiM EVO5 features everything listed at left, plus:

- 8 analog input channels*
 - 4 wheel speed input channels*
 - 2 digital outputs*
 - Sensor and wiring harnesses use 2 Deutsch connectors
 - Memory expandable by adding an SD card
- * **Note:** Access to analog channels 5-8, wheel speed channels 2-4, both digital outputs, and RS232 ECU wiring require separate purchase of the Auxiliary Harness (Part No. MC-711) listed below.

AiM EVO4S Data Logger only, no display Part No. MC-700-Length \$1,199.00

Includes RPM harness, ECU harness, GPS antenna (specify 1.3m or 4.0m cable), USB download cable, and Race Studio software. **Display sold separately.** Requires a display unit such as the GS-Dash or the Steering Wheel v3 Display shown below.

AiM EVO5 Data Logger only, no display Part No. MC-705 \$1,699.00

Includes 37-pin Primary harness (analog channels 1-4, speed channel 1, power / ground, coil RPM input, and CAN/K-Line wiring), GPS antenna with 4.0m cable, USB download cable, and Race Studio software. **Display sold separately.** Requires a display unit such as the GS-Dash or the Steering Wheel v3 Display shown below.

22-pin Auxiliary Harness only for EVO5 Part No. MC-711 \$354.99

Required for analog channels 5-8, speed channels 2-4, both digital outputs, and RS232 ECU wiring connection.

AiM GS-Dash and Formula Car Wheel v3 Display for EVO4S/EVO5

NOTE: These displays can only display data gathered by an AiM EVO4S or EVO5 Data Logger. They have no data gathering or logging capability and cannot be used alone.



The **AiM GS-Dash** is a flexible, customizable LCD display designed to be driven by the latest generation AiM EVO4S or EVO5 data loggers. The compact (5.1" x 3.2") aluminum housing is small enough to mount on any steering wheel. Five programmable LED shift lights across the top and four LED warning lights (2 on each side) can be independently set to any of seven different colors. The auto-dimming backlight can also be set to any of seven different colors for a truly custom appearance. The screen offers up to 8 different customizable pages of information, so you see exactly the data you want, when you want.

AiM GS-Dash, display only Part No. MC-232 \$429.99
Requires AiM EVO4S or EVO5 Data Logger, sold separately.



The **AiM Formula Car Wheel** has a built-in LCD display, with the same 5-stage shift light and four warning lights as the GS-Dash at left. Four weatherproof buttons control dash functions, with 4 more buttons for external functions. The 10.7" wide D-shaped wheel is perfect for formula cars and sports racers. The grips are covered in black suede leather, and 3 studs on the back fit your "European" quick-release hub (50mm bolt circle).

AiM Formula Car Wheel v3 Dash Display only Part No. MC-307 \$999.00
Requires AiM EVO4S or EVO5 data logger, sold separately.

Paddle Shifter Kit for Formula Car Wheel Display Part No. MC-309 \$274.99
Bolts to the back of the AiM Formula Car Wheel. No additional wiring required.