

AiM Sports Hardware

System Layout and Expansion



Host:

Roger Caddell

AiM Sports - National Training
Manager

Co-Host:

Matt Romanowski

TrailBrake.com
Owner



[aimsports.com](https://www.aimsports.com)

Tuesday September 27th, 2022

LearnFast™

Co-Host: Matt Romanowski

www.TrailBrake.com

 @TrailBrakeMatt



- Leading Technical and Stocking AiM Sports Dealer
- Seminars, at Track Coaching, Offsite Support, Online Sales, Pro Racing DAG
- Advanced CAN and Sensor Integrations, PDM Setup/Config, and More!
- Many Time AiM Sports Webinar Co-Host!



www.TrailBrake.com

Matt Romanowski



aimsports.com

LearnFast™



The AiM Sports Family



Hardware Layout & Expansion

The AiM Sports Family

LearnFast™



aimsports.com

AiM Sports Master Family



AiM Sports CAN Expansions



Hardware Layout & Expansion

Slide Title

LearnFast™

We Have Answers!
LearnFast™

Solo 2

GPS Lap Timer



The Solo 2 only connects to the car for power. This will give you an external voltage channel.

Hardware Layout & Expansion

Solo 2

Solo 2 DL

GPS Lap Timer with ECU Connection



The Solo 2 DL has a CAN connection for ECU data and will connect most commonly a SmartyCam but will also connect to a data hub and LCU-One (lambda sensor).

MXm

The Compact Data Logger



The MXm will connect to a data hub, SmartyCam, LCU-One, one Channel Expansion, one TC Hub, and the Shift Light Module.



[aimsports.com](https://www.aimsports.com)

Hardware Layout & Expansion

MXm

LearnFast™

EVO4S and EVO5 Loggers



Powerful and Flexible Dataloggers



The EVO4S only has 1 CAN connection where the EVO5 has 2 CAN connections. Both devices will work with data hubs, LCU-One, Channel Expansions, GPS09, TC Hub, Memory Modules, Shift Lights (shift lights only) GS Dash, and FSW3.

MXL2

Powerful Dash Logger



The MXL2 has 2 CAN connections. The MXL2 works with data hubs, LCU-One, Channel Expansions, GPS09, TC Hub, Memory Modules, Shift Lights (shift lights only), and Remote Button Interface.

Hardware Layout & Expansion

MXL2



aimsports.com

LearnFast™

SW4

The New Steering Wheel



The SW4 has 2 CAN connections. The SW4 works with data hubs, LCU-One, Channel Expansions, GPS09, TC Hub, Memory Modules, Shift Lights, and Remote Button Interface.

Hardware Layout & Expansion

SW4



aimsports.com

LearnFast™

1.3 Dash Loggers

TFT Dash Loggers for Motorsports



The MXS 1.3, MXP 1.3, and MXG 1.3 have 2 CAN connections. All devices will work with all AiM Sports expansions including data hubs, LCU-One, Channel Expansions, GPS09, TC Hub, Memory Modules, Remote Button Interface, RIO, Shift Lights (as shift lights or predictive timing), GS Dash, and FSW3.

These TFT Dash Loggers will also accept back up cameras.

Power Distribution Modules (PDM)



Much More Than a PDM



The PDM32 and PDM08 have 2 CAN connections. All devices will work with data hubs, LCU-One, Channel Expansions, GPS09, TC Hub, Memory Modules, RIO, Shift Light Modules (as shift lights or predictive timing), GS Dash, and FSW3.

They also have a dedicated 6" or 10" display that connects through a Rosenberger connection cable.



[aimsports.com](https://www.aimsports.com)

Hardware Layout & Expansion

Power Distribution Modules (PDM)

LearnFast™

SmartyCam

The Ultimate Motorsports Camera



All SmartyCams will connect to all AiM Sports devices except the base Solo 2.

The SmartyCam 3 Sport will connect to AiM devices and a GPS09 through a special 2 port powered data hub for standalone use.

The SCHD GP 2.2 has an ECU connection and the ability to connect to GPS09 for standalone use.

The SCHD 2.1 will connect to an AiM device and a GPS09.



[aimsports.com](https://www.aimsports.com)

Hardware Layout & Expansion

SmartyCam

LearnFast™

Hardware Connection Chart



	SmartyCam	Data Hub	LCU-One	Channel Expansion	GPS09	RPM-Converter	TC Hub	Rio	Rear Camera	Remote Button Module	Memory Module	Shift Light	Strada Memory	GS Dash	Sensors
Solo 2															
Solo 2 DL						*									
MXm						*									
EVO4s						*						t			
EVO5						*						t			
SW4						*									
MXS 1.3						*									
MXP 1.3						*									
MXG 1.3						*									
PDM08															
PDM32															
SC3 Sport					Y										
SC3 Corsa						*									
SC3 GP						*									
SC3 Dual						*									
*	Not Common														
t	Only RPM Lights														
x	With Channel Expansion														
Y	Requires powered 2 port data hub														

LearnFast™ E-Training Videos



Currently **216** Videos and Growing

YouTube www.youtube.com/aimdata

AiM Sports Hardware
System Layout and Expansion



Host:
Roger Caddell
AIM Sports - National Training Manager

Co-Host:
Matt Romanowski
TrailBrake.com Owner

aimsports.com Tuesday September 27th, 2022 LearnFast™

I Have a PDM, Now What?
Worked Examples with Robbie Yeoman



Host:
Roger Caddell
National Training Manager

Co-Host:
Robbie Yeoman
Chief Technology Officer

aimsports.com Tuesday August 10th, 2022 LearnFast™

Webinar Series
Bringing Data Support and Training to You

Data Download Options
In Race Studio 3

March 31st, 2020

www.aimsports.com 1.800.718.9090

- All New 2020 - 22 Live Webinar Videos
 - Software Updates with Race Studio 3
 - Pre-Calculated Gear Position Function
 - Configuring WiFi Communication
 - Customizing AiM Device Logos
 - Race Studio 3 Basic Configuration - Part 1
 - Race Studio 3 Basic Configuration - Part 2
 - **I Have Downloaded my Data, Now What - Part 1*
 - **I Have Downloaded my Data, Now What - Part 2*
 - GPS Lap Insert
 - Selection Criteria
 - Data Views
 - Sensor Calibration
 - Measure Units
 - Conditional Alarms
 - Sort Channels
 - Gear Position
 - Test Properties
 - Firmware Update
 - Per Lap Color
 - Solo Configuration
 - Export Tests
 - Transmit Tracks
 - Channel Reports
 - Gps Manager Overview
 - Setting Time
 - New GPS Track
 - Track Mapping
 - Webinars
- * Most Popular and Recommended*

Additional Materials

LearnFast™ E-Training Videos

LearnFast™



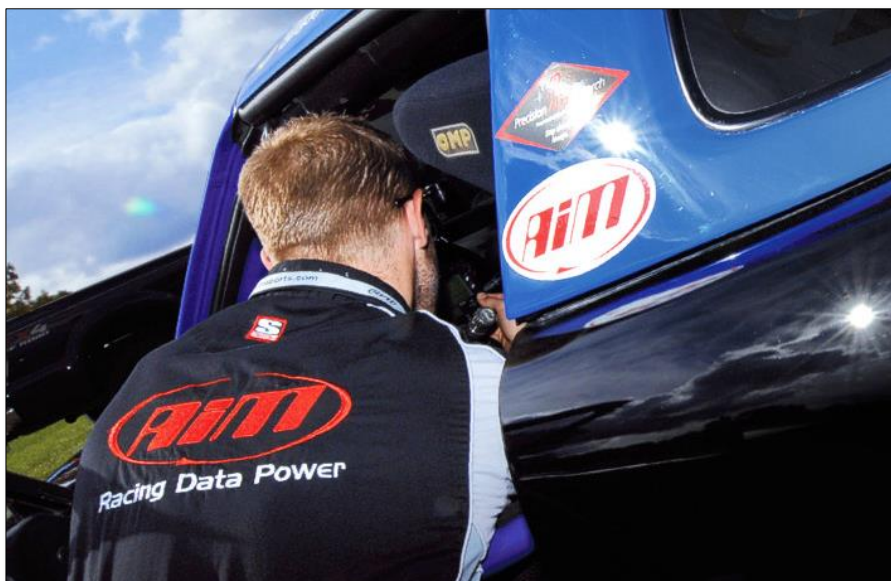
aimsports.com

Customer Support



AiM Sports Technical Support Staff Regularly
Attend Races and Other Events

Look For Us At An Event Near You
Or Call Us At **800.718.9090**



Customer Support

At An Event Near You!

LearnFast™

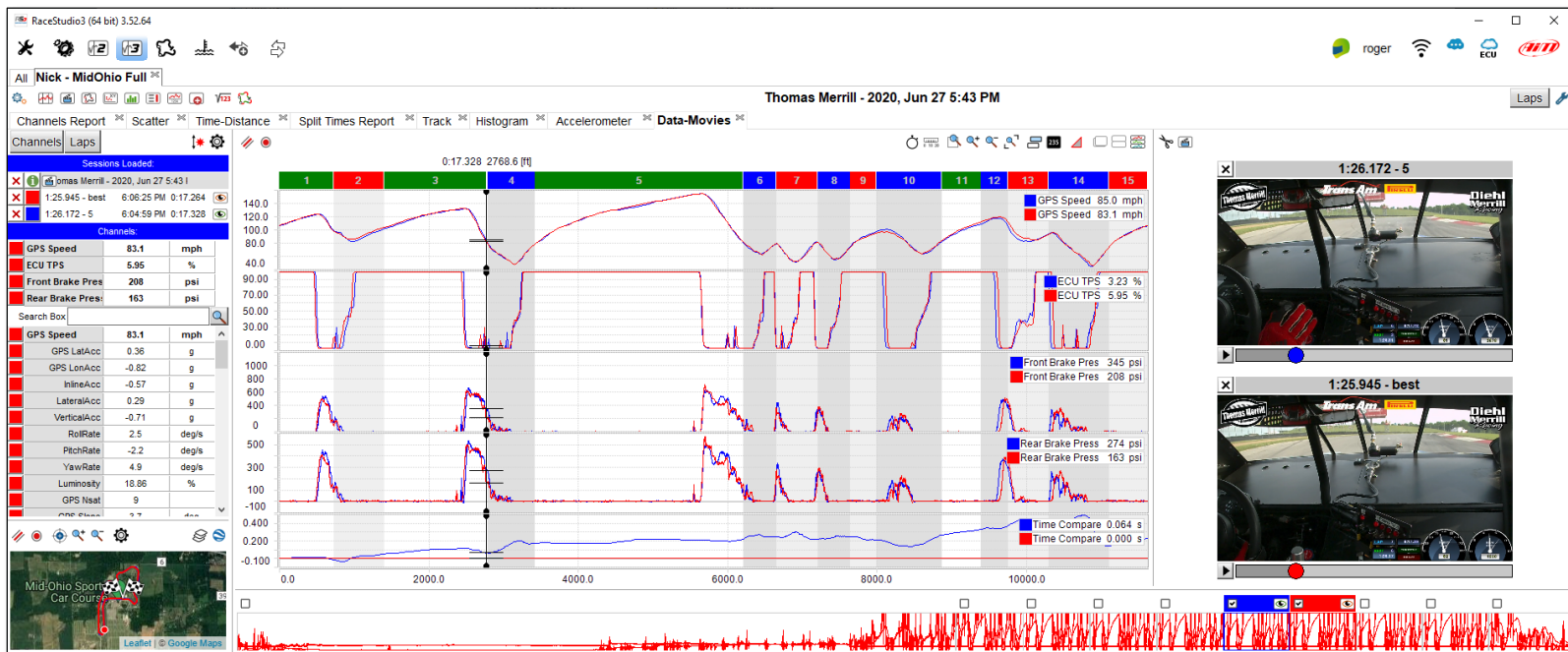


[aimsports.com](https://www.aimsports.com)

#3-29
LearnFast™
If You Have Questions

Next AiM Sports Webinar

Oct 25th, 2022 – Last Tuesday of Each Month



Host:

Roger Caddell

AiM Sports - National Training Manager

Co-Host:

TBD

TBD

Next Webinar: Tuesday October 25th, 2022 - 10:00am Pac/1:00pm East

Next Webinar

Last Tuesday of Each Month

LearnFast™



[aimsports.com](https://www.aimsports.com)

We Have Answers!
LearnFast™
#152

Contact Information



Host:

Roger Caddell

AiM Sports - National Training Manager
roger@aimsports.com

Co-Host:

Matt Romanowski

TrailBrake.com – Owner
matt@trailbrake.com



aimsports.com

Tuesday September 27th, 2022

LearnFast™