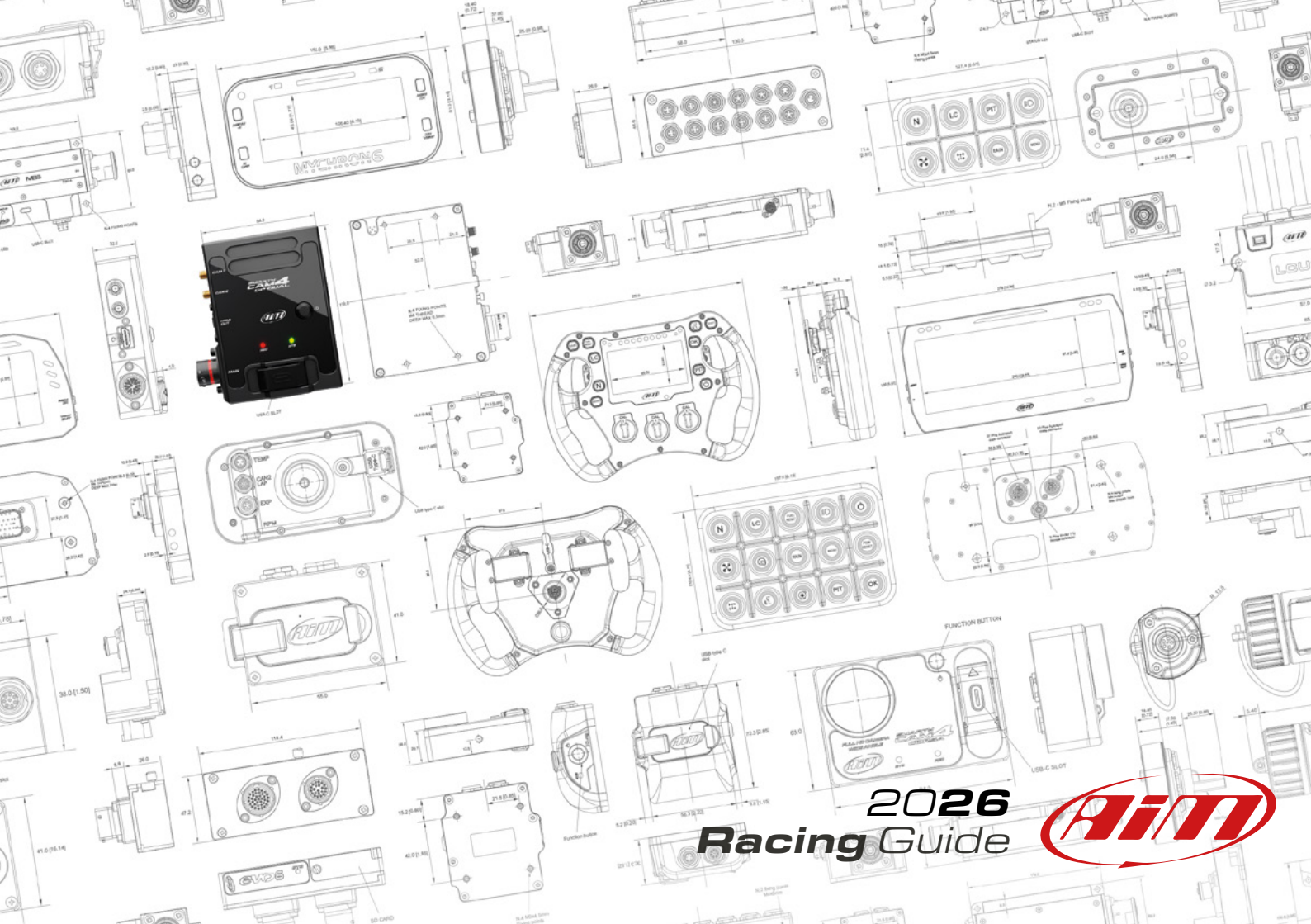
2026
Racing Guide

AiM, Motorsport since 1994

In 1994 **AiM** took its first steps in the karting world and has since expanded into all areas of motorsport.

The company's mission is to design and manufacture effective, intuitive and easy-to-use devices that enhance vehicle, driver and team performance. All this is supported by our well-prepared technicians and dedicated software solutions, ensuring outstanding results.


RACESTUDIO 3
GRAN TURISMO
THE REAL DRIVING SIMULATOR
114
B. Bünnagel
N. Otto

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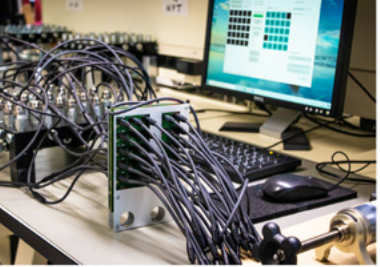
AiM
RS3
RACESTUDIO
AIM-SPORTLINE.COM



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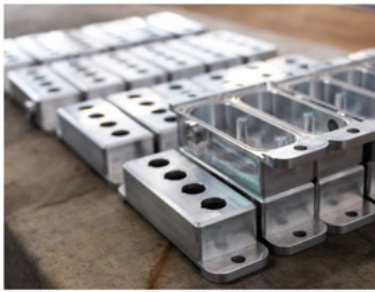
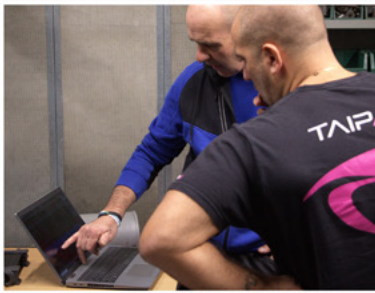


AiM
RACING DATA POWER



The Company

Thanks to a unique combination of technological expertise, in-house capabilities, and a strong culture of innovation, AiM has become a key reference point for Motorsports professionals worldwide.

Completely in-house development of:

- **HARDWARE**
- **FIRMWARE**
- **SOFTWARE**
- **MECHANICAL PARTS**

Sectors of activity

AiM designs laptimers, dashes, loggers, Motorsports cameras, ECUs, PDMs for all kinds of racing vehicles: from kart to car, bikes, UTV, ATV, dragsters and even snowmobiles and F1 boats.

A Worldwide Distribution Network

More than 65 official distribution organizations all over the world attend our customers with aftermarket support.

A Technical Service on track

Our technicians give constant support on track worldwide.

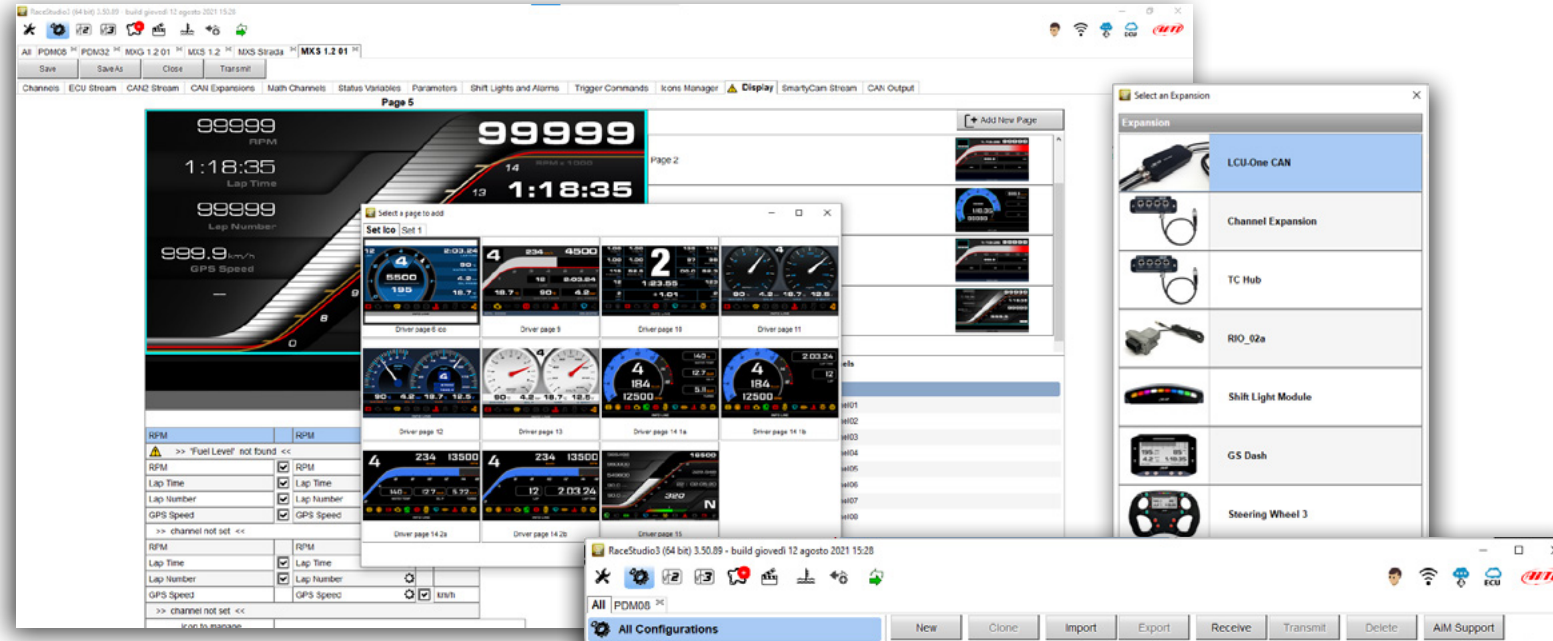
Technical Support and Webinars

- Completely free-of-charge support, both on and off track;
- Free monthly webinars covering the most relevant topics related to AiM products.

Research, technology, experience and passion.

The powerful software

RaceStudio 3 is the "cockpit" of all our devices, as it will manage all your activities.
Thanks to this powerful software you can create, modify, delete, import and export configurations with all channels, ECU drivers, math channels, display pages, digital outputs, alarms, shift lights and all the expansions you need.
You will also be able to manage the maps of all your racing tracks and compare two laps watching the video recorded by SmartyCam 3/4 cameras.
You may choose among a wide range of styles and every field may show the channel you wish; you can setup each detail and manage what to show, with just a few steps.



If you like to go deep into the high potential that **RaceStudio 3** can give, allowing you full control of your engine and performances, there are a lot of free webinars that grant you to achieve your goals and become a Pro with **AiM systems**.

AIM SPORTS LEARNFAST WEBINAR SERIES

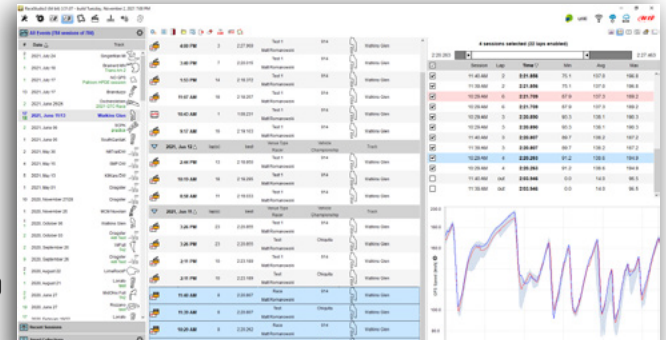
Analysis 3

Your performances at your fingertips

Analysis 3 enables you to analyze all data recorded by **AiM** devices and downloaded to your PC: graphs, histograms and tables will help you studying your track session, providing an objective support to avoid mistakes and improve performances.

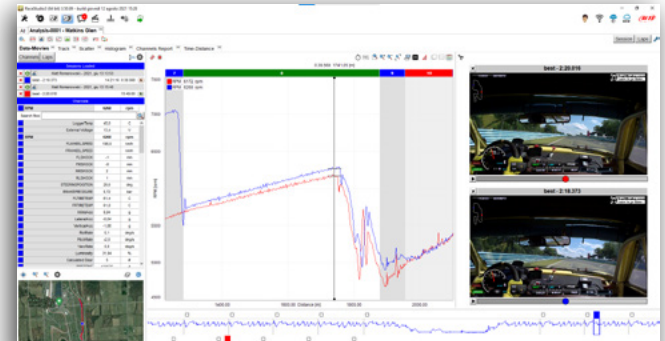
Preview and Comparison

An easy and quick outlook on your sessions before opening them. Select one session to get a preview and more sessions for a better comparison.



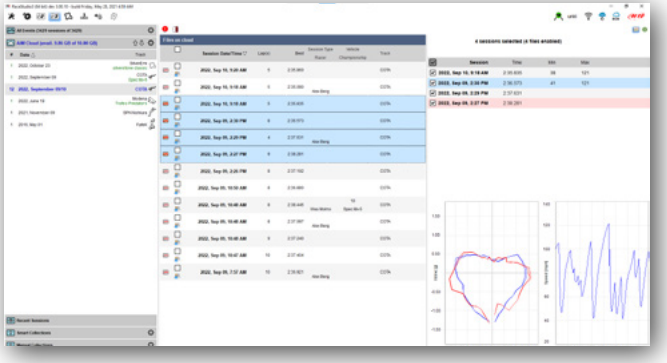
Smart Sync

Import your data and videos (from any AiM SmartyCam) and Analysis 3 automatically synchronize them.



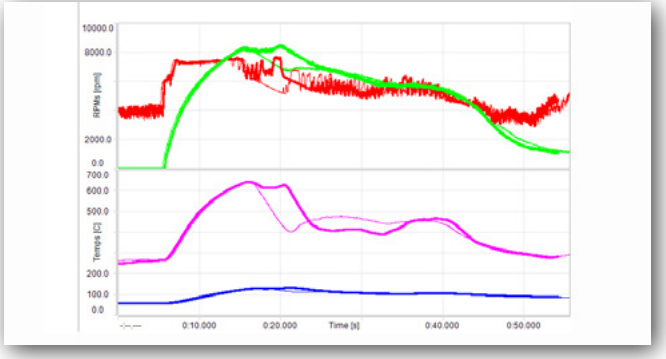
AiM CLOUD service

Now all your data and videos are available any time on all your PCs and you may share them with your friends and coaches: just synchronize your AiM CLOUD and it is done! Easy and Safe. No more import/export and or old pendrives.



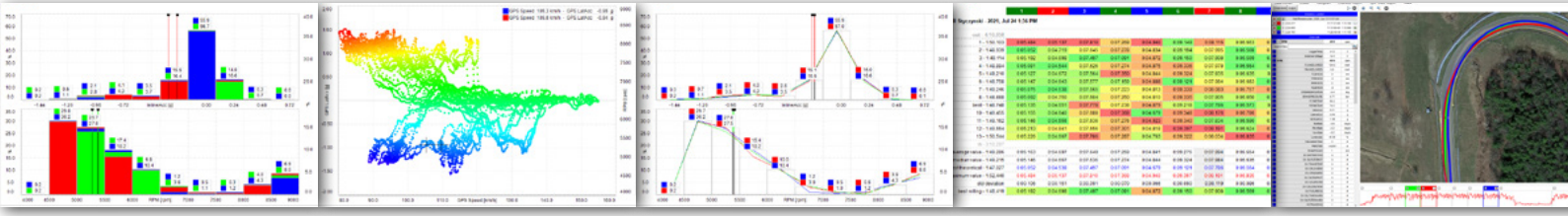
Dedicated views for Track races, Dragster, Oval

Analyze your test using the more efficient set of views and information you need to find out how to improve your performance.



Lots of views

A very wide range of plot/charting possibilities may help you in a deep evaluation of your vehicle or your driving style.



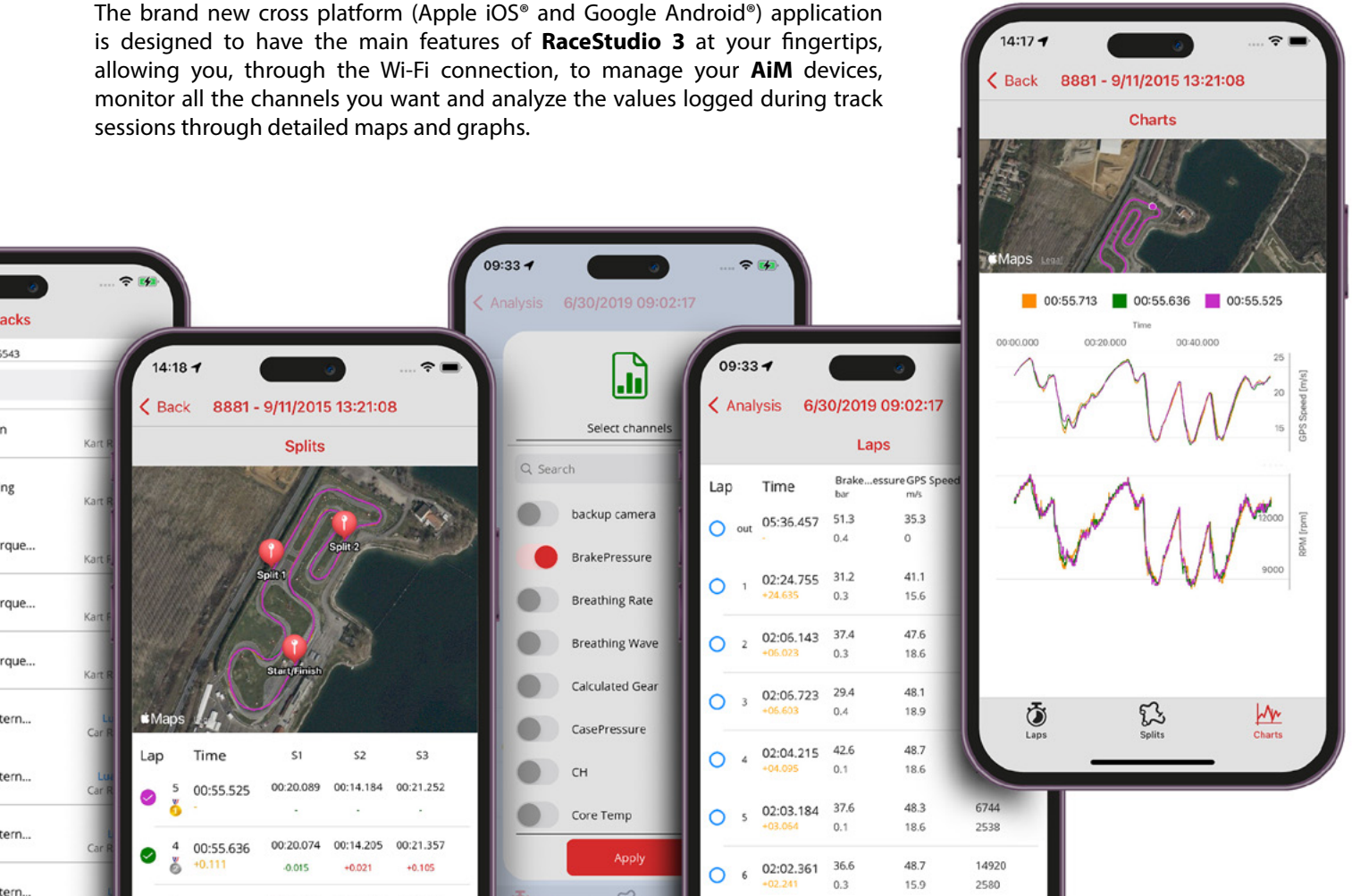
RaceStudio 3 always with you

Now **RaceStudio 3** is also available on your smartphone for managing the following features:

Key features

- **Data Analysis**
- **Online Data visualization**
- **Sensors calibration**
- **Tracks management**
- **Firmware update**
- **Data download and Cloud storage**

The brand new cross platform (Apple iOS® and Google Android®) application is designed to have the main features of **RaceStudio 3** at your fingertips, allowing you, through the Wi-Fi connection, to manage your **AiM** devices, monitor all the channels you want and analyze the values logged during track sessions through detailed maps and graphs.



NEW

MyGauge

The All-in-One Tool

The new **MyGauge** combines four essential tools in one rugged and portable device built for every demanding racer:

- **Tire Pressure**
  Measures, adjusts and stores tire pressures.

- **Infrared Pyrometer**
  The internal sixteen point infrared temperature sensor is extremely useful for understanding the wheel behaviour.

- **Weather station**
  Provides real-time weather information:
  Air pressure, temperature, humidity and air density.

- **Multi-driver Stopwatch**
  Track up to 4 drivers simultaneously with lap and split times. Ideal for free practice, qualifying and race sessions.

- **Data Logger**
  All the data are recorded and eventually transmitted through Wi-Fi to your AiM Logger in order to have all information you need when you analyze your data.

Built to resist

The new **MyGauge** is engineered to perform in the toughest racing environments, offering exceptional resistance to dust, shocks and harsh weather conditions. With its intuitive interface and fast response, it delivers what engineers and drivers need most: accurate, reliable data without distractions.

Key Features

- Keyboard with acrylic protection
- Case made of durable polymer material
- Belt clip for easy portability
- Rechargeable battery
- Gorilla glass for superior protection
- Internal memory (4 GB)
- Versatility: detachable cable allows use as a standalone stopwatch
- Adjustable sensor for right- and left-handed operation

Technical specifications

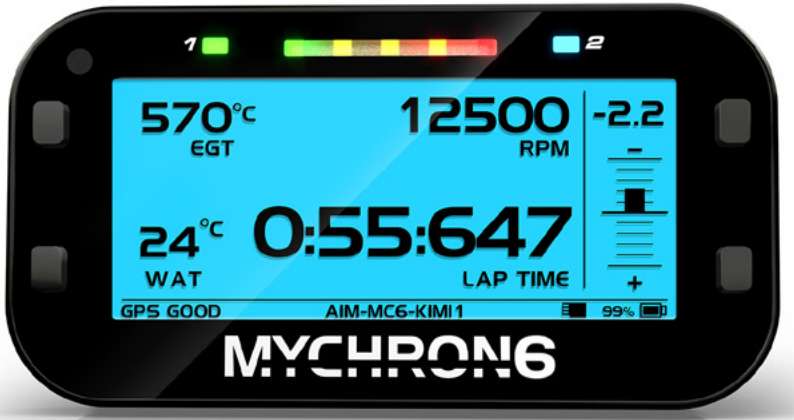
	MyGauge
Pressure measure range	0-10 Bar
Accuracy	+/-0.5% FS
Temperature Sensor	Internal IR Multipoint sensor
Weather Station	Air Pressure - Temperature - Humidity - Density
Display	TFT 256K colors IPS
Resolution	320x480 pixels
Size	3.5"
Brightness	800 cd/m2
Contrast Ratio	700:1
WiFi/BLE	Yes
USB-C	Yes
Keyboard	8 switch + 1 function button
Haptic feedback	Yes
RGB Led	1
Internal Memory	4 GB
Body	PA6 GS30%
Dimensions	68.0 x 145.8 x 20.2 mm
Weight	200 g
Waterproof	IP67

MYCHRON6

Advanced data logger for the Karting world

AiM MyChron6 is a high-performance kart data logger and lap timer, packed with advanced features designed to help racers monitor and improve their performance on the track.

MyChron6 and **MyChron6 2T** set the standard in karting data acquisition systems.



Key features

- Wider display with 16 levels of gray
- Dedicated CAN for expansion devices
- Second CAN
- USB-C connector for mass storage, battery charger or PC communication
- Wi-Fi or USB connection to the PC
- 6 axis IMU also for measuring the steering wheel position
- 20 hours non-stop working battery

Data Storage and Connectivity

The USB-C connector not only allows you to charge your logger, but also lets you store all your data on the optional 16 GB dedicated memory module.

Bluetooth Connectivity

Experience seamless connectivity with the new advanced Bluetooth module of **MyChron6/2T**. If you wish to measure your heart rate while racing, simply connect via Bluetooth the heart rate monitor to your **MyChron6/2T** and look the data on-screen or download them after the race. Compatible with the most common heart rate monitor on the market.

Up to 20 working hours

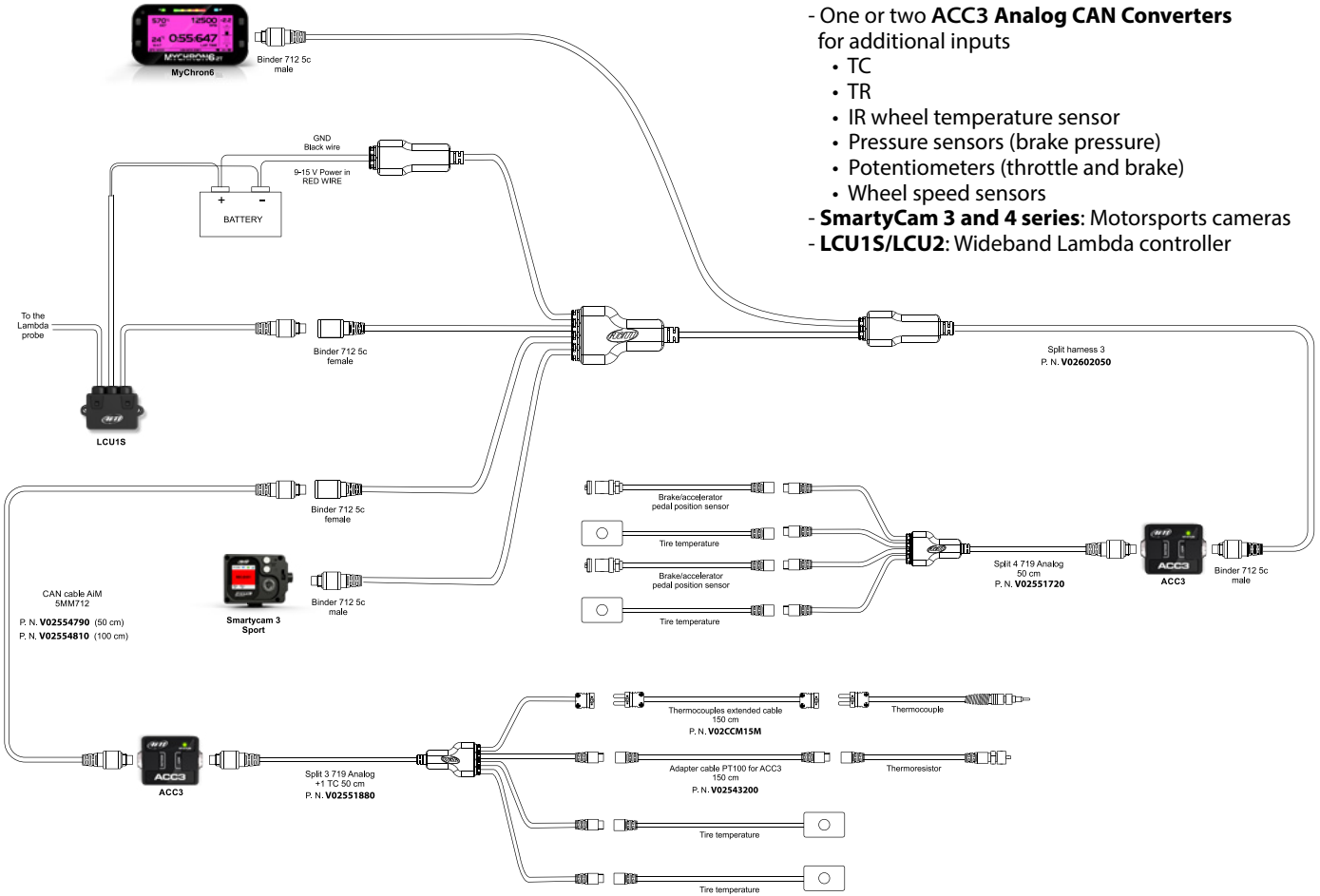
Thanks to the ultimate large high-performance battery pack and low-consumption electronics with up to 20 hours of autonomy, **MyChron6** will be your reliable companion on the track without the need for recharging.

MyChron6/**2T** features a wide 320x136 pixels graphical display to have all the data under control.
With the new dedicated pages layout, split times, overall delta time and heart rate will be easily and promptly monitored.
The screen can be backlited in one of the eight available colors.
The incorporated light sensor makes brightness and contrast ideal in all light conditions; **MyChron6**/**2T** display will always be readable and clear even in the most intense phases of the competition.

A complete integrated system

MyChron6/2T can be connected to various expansions:

- One or two **ACC3 Analog CAN Converters** for additional inputs
  - TC
  - TR
  - IR wheel temperature sensor
  - Pressure sensors (brake pressure)
  - Potentiometers (throttle and brake)
  - Wheel speed sensors
- **SmartyCam 3 and 4 series**: Motorsports cameras
- **LCU1S/LCU2**: Wideband Lambda controller



Always connected and race-ready

MyChron6 and **MyChron 6 2T** offer seamless Wi-Fi data transfer and software updates, eliminating the need for data keys or PC connections. Your device stays constantly up to date with the latest features and improvements, ready to perform at its best on track.
Equipped with an advanced GPS system, **MyChron6/2T** automatically recognizes the coordinates of thousands of tracks worldwide. Through **RaceStudio 3**, you can access and personalize a complete track database, organized by nation, circuit and surface type, and build your own collection by adding or removing tracks.
If your home circuit isn't listed, your **MyChron6/2T** will detect it automatically after just one lap. If you want, the data can then be submitted to AiM Software dept. for inclusion in the global database.

	MYCHRON6	MYCHRON6 2T
Display	LCD 16-level gray scale	
Resolution	320x136 pixels	
Backlight	8 configurable RGB colors	
Shift lights/alarm LEDs	5 + 2 configurable RGB LEDs	
Integrated track database	Yes	
Wi-Fi & Bluetooth connection	Yes	
GPS	25 Hz	
External power	9÷15 V	
Aux CAN connection	Yes	
USB connection	For data download, mass storage support and battery charge	
Temperature inputs	1	2
Inertial Platform	6 axis, 100 Hz frequency	
Digital inputs	Optical lap signal - Magnetic lap signal	
External modules	ACC3 - SmartyCam 3/4 Series - Lambda (LCU-One and LCU1S)	
Memory	4 GB + optional removable USB-C 16 GB card	
Internal battery type	Rechargeable Lithium up to 20 hours	
Body	PA6 GS30%	
Dimensions	150.0 x 79.0 x 36.6 mm	
Weight	370 g	

MX TFT Series

A complete range of TFT Dash & Dash Loggers for Motorsports

The range is designed to suit different levels of performance and user needs:

Strada Light version: for essential applications, offering core functionality in an easy-to-use device;

Strada version: mid-range solution, providing more advanced features while remaining accessible for semi-professional or enthusiast users;

Data Logger version: the most complete, designed for professional use, integrating advanced data logging, GPS and a 6-axis IMU.

All versions features:

- **ECU connections**
- **Fully user configurable multi page display**
- **Ambient light sensor**

Completely configurable and customizable directly on our free software **RaceStudio 3**.

ECU Connection

GPS Module

Analog/Digital inputs

Expansion

Accelerometer

Math channels

Second CAN

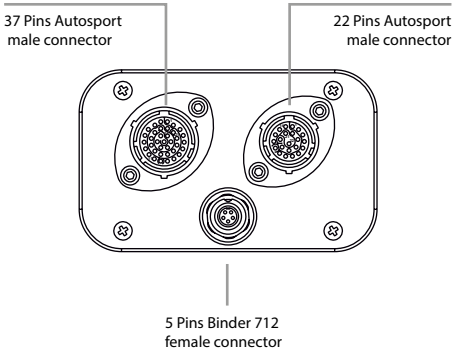
Digital Outputs

Track Recongnition

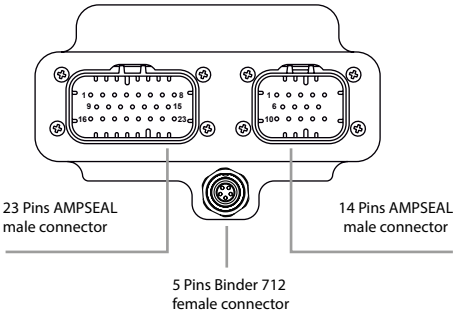

MXP 6”
MXS 5”
MXT 10”
14500
N
01:35:35
225
02:45:32
125.372
220
KM/H
18500
RPM
16.45
95.45
5.36
5
MUGELLO INTERNATIONAL CIRCUIT
GPS: GOOD
23.02.2022 08:41 AM

Connections

DASH LOGGER

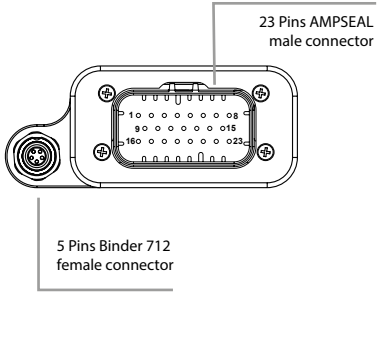


DASH



DASH LIGHT

(available only in MXS and MXG version)



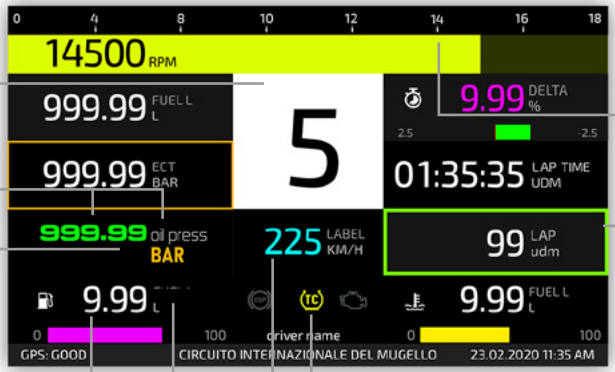
RaceStudio 3 software offers the possibility to customize numerous page layouts, including bar graphs, ring bars and icons meeting the needs of even the most demanding users. In every graphic layout, users can modify labels, text, colors, size and font type of data, ensuring a fully personalized experience. In addition, pages layouts and functions are periodically updated and improved to expand configuration and customization possibilities, delivering a constantly improving user experience.

Page layout customization

Box background customizable color

For a great visual impact choose among a wide selection of fonts for :
• MEASURE
• LABELS
• UNIT

Users can set the color of any digits (measure, label and unit)

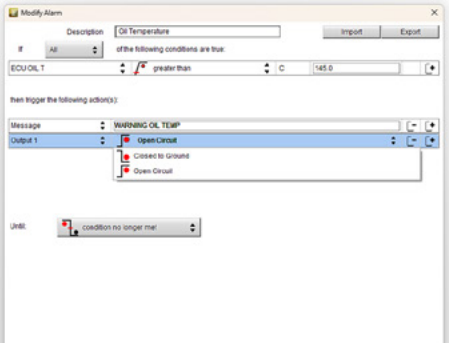


Bargraph customizable color

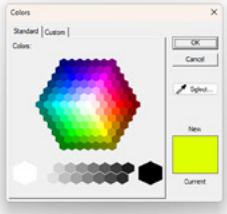
Outline color and thickness can be configurated according to user's needs.

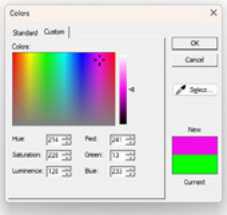
Measure and icons color can be modified based on conditions previously set in RS3.

Configuration of alarm messages



Color selection can be predefined or completely custom





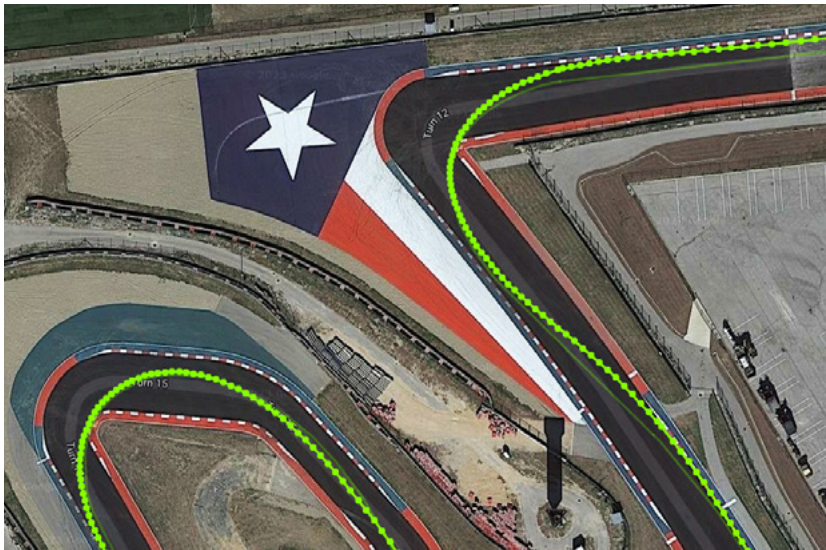
Lap time manager

MX series calculate lap times and record data, including track name and session time, making it easier to analyze your results. If you can't find the track in the database, no problem: MX dash and dash loggers automatically understand the characteristics of the track and give the lap time anyway.

Position and speed on track

The MX dash loggers offer exceptional accuracy, achieving sub-0.5 meter precision by leveraging four satellite constellations.

They also provide high-frequency data sampling at 25 Hz. If you have a Strada or Strada Light version, you can add the optional GPS09c to accurately record lap times.
Furthermore, the Strada Logger accessory converts your Strada or Strada Light device into a comprehensive MX dash logger, fully enabling session recording.

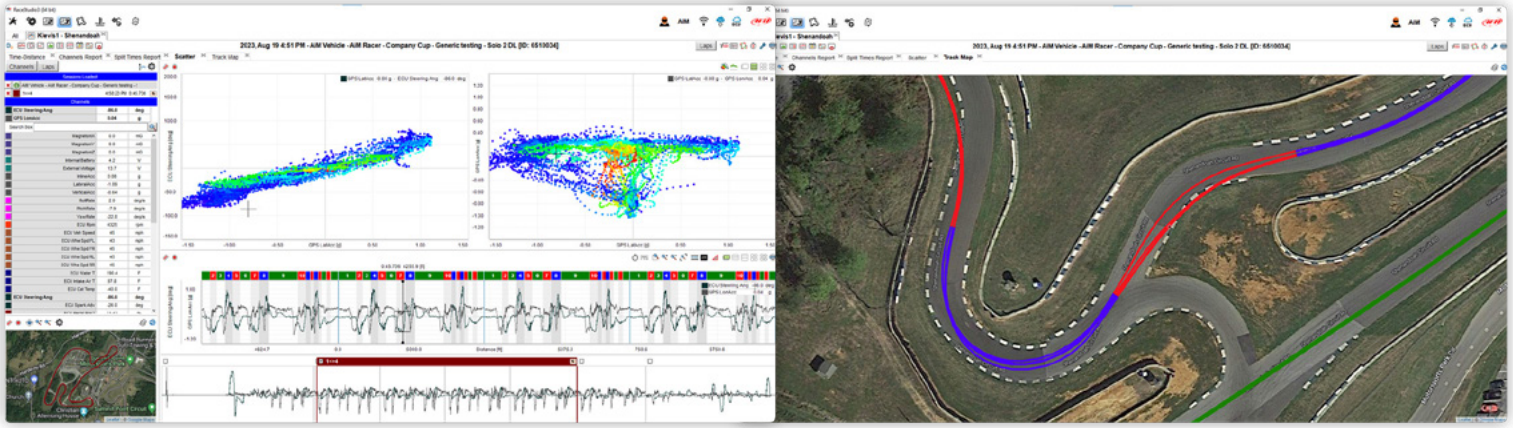


Data Download and Analysis

With the MX TFT Series dash loggers, you can easily download recorded data to your PC via USB or Wi-Fi. Using the powerful **RS3 Analysis tool**, you can deeply analyze every aspect of your driving session — from ECU data and vehicle dynamics to settings, issues and more.

RS3 RACESTUDIO

Example of RS3 Analysis with SmartyCam 3 footage and data.




N
START
PAGE
RADIO
ABS
TC
ESC
FLASH
SPARE
R
TC
ESC

	DASH LOGGER	DASH	DASH LIGHT
Display resolution	5”-6”-7”: 800x480 pixels | 10”: 1280x480 pixels		
Ambient light sensor	Yes		
Alarm display icons	Freely configurable		
Shift lights/Alarms	10 shift lights RGB LEDs and 5 to 8 alarms RGB LEDs		
CAN connections	3		
ECU connections	CAN, RS232 or K-Line		CAN or K-Line
Inertial platform	100 Hz 6 axis	-	
Analog/Digital Inputs	8 configurable, analog/digital (0-5 V, 0-12 V) max 500 Hz each		4 configurable, analog (0-5 V) max 500 Hz
Digital inputs	4 speed inputs, coil RPM input	1 speed input, coil RPM input	-
Digital outputs	2 (max 1 A each)	1 (max 1 A)	
GPS module	Yes	Optional	
Internal memory	4 GB	-	
Integrated data logger	Yes	-	
Wi-Fi connection	Yes	-	
Analog camera input	Yes		
Body	Anodized aluminum		
Connectors	1 Autosport 37 pins 1 Autosport 22 pins 1 Binder 5 pins 712	1 AMPSEAL 23 pins + 1 AMPSEAL 14 pins + 1 Binder 5 pins 712	1 AMPSEAL 23 pins + 1 Binder 5 pins 712
Power consumption	400 mA		
Waterproof	IP67		
Expansions	Optional		
RaceStudio 3 **(Configuration & Analysis software)**	Constantly updated and freely downloadable		

MX LCD Series

The compact and easy-to-use LCD Dash Loggers for Motorsport

MXm and **MXq** dash loggers are comprehensive data acquisition systems that provide essential information for racers.

They sample and display critical parameters such as speed, lap times, RPM and gear, while also featuring multiple configurable math channels. **MXm** and **MXq** are the perfect devices for both Pro and Amateaur racers.

Key features

- **268x128 pixels high contrast LCD display**
- **7 configurable backlight RGB colors**
- **5 RGB LEDs shift lights array**
- **2 CAN connections**
- **Data Recall on screen**
- **CAN, RS232 or K-Line ECU connections**

Data from multiple sources

Both devices sample data from multiple sources, including the ECU, internal GPS, and custom math channels. **MXm** offers 4 configurable analog inputs, 3 digital inputs and 2 high-side digital outputs.
MXq provides 1 configurable analog input and 1 digital RPM input.

MXq

MXm vs MXq

Both devices share a core set of features, with the only differences being the number of fully configurable analog inputs and the specific count of digital inputs and outputs.

MXm features two power outputs.

	MXm	MXq
Display resolution	268 x 128 pixels	
Ambient light sensor	Yes	
Backlight	7 configurable RGB colors	
Shift lights/Alarms	5 Shift Lights RGB LEDs and 2 Alarms RGB LEDs	
CAN connections	2	
ECU connections	CAN, RS232 or K-Line	
Inertial platform	Internal 3 axis ±5G accelerometer + 3 axis gyro	
Analog Inputs	4 fully configurable, max 500 Hz each	1 fully configurable, max 500 Hz
Digital inputs	2 speed inputs Low level coil RPM input, 0-5 V square wave	Low level coil RPM input, 0-5 V square wave
Digital outputs	2 high-side	-
GPS module	Yes	
Internal memory	4 GB	
Integrated data logger	Yes	
Wi-Fi connection	Yes	
Body	Anodized aluminum	
Connectors	37 pins Motorsport + 4 pins power connector	3 Binder connectors
Pushbuttons	Metallic	
Dimensions	137.0 x 88.4 x 31.9 mm	
Weight	330 g	
Waterproof	IP65	
Expansions	Optional	
RaceStudio 3 **(Configuration & Analysis software)**	Constantly updated and freely downloadable	

MX UTV

The dash logger for the UTV world

MX UTV is the dash logger specifically designed for the off-road world, in order to offer our best technology to those racers who crave for running in absolute freedom.

Key features

- Integrated GPS
- Wide display with configurable multicolor backlight
- Graphical display resolution
- Ambient light sensor
- 2 configurable RGB Alarm LEDs
- 5 configurable RGB ShiftLight LEDs
- CAN connection
- ECU connection
- 4 GB internal memory
- 1 analog input
- Glass fiber reinforced nylon
- Metallic pushbuttons
- Rechargeable LiPo battery
- Wi-Fi connection
- Single point sensor
- Waterproof IP65

The gauge for UTV vehicle

AiM's MX UTV is built for off-road enthusiasts who chase adrenaline and performance. It displays key data such as speed, RPM, lap times and belt temperature, crucial for preventing transmission damage, on a wide LCD with alarm LEDs and an ambient light sensor for optimal visibility.

MX UTV allows direct ECU connection setup from the device itself no configuration required. With secure 802.11 Wi-Fi, data download is effortless, even from up to 50 meters away perfect for the toughest off-road conditions.

Precision tracking, smarter data

With its integrated high-precision GPS module, **MX UTV** automatically detects the track you're racing on, delivering accurate lap times and real-time position tracking. No manual setup needed.

Thanks to its auto-learning mode, **AiM MX UTV** can recognize and store new tracks on the fly, continually expanding its internal track database.

All data from the ECU, Belt Temperature Sensor, and GPS is securely recorded in a powerful 4GB internal memory, capable of logging thousands of hours of race sessions.

Technical specifications

	MX UTV
Display resolution	268 x 128 pixels
Ambient Light sensor	Yes
Shift lights	5 RGB LEDs configurable
Alarm LEDs	2 RGB LEDs configurable
Backlight	7 configurable RGB colors
Integrated track database	Yes
ECU connection	CAN, RS232 or K-Line
Inertial platform	Internal 3 axis ±5G accelerometer + 3 axis gyro
GPS	25 Hz
Wi-Fi connection	Yes
Analog Inputs	1
Internal memory	4 GB
Connectors	3 Binder 712
Body	Glass fiber reinforced Nylon
Pushbuttons	Metallic
Dimensions	137x88.4x31.9 mm
Weight	330 g
Waterproof	IP65
Expansions	Optional

NEW

Loggers

The new generation of Data Loggers

Different environments require different products.
AiM offers a wide range of Data Loggers in order to face all the possible needs: from the ultra compact **ECULog** and **XLog**, that we designed trying to offer maximum integration, to the more traditional **EVO**'s now at the sixth generation. All of them are based upon the same architecture and log the data from multiple source, as you can see in the chart at page 41.

EVO6

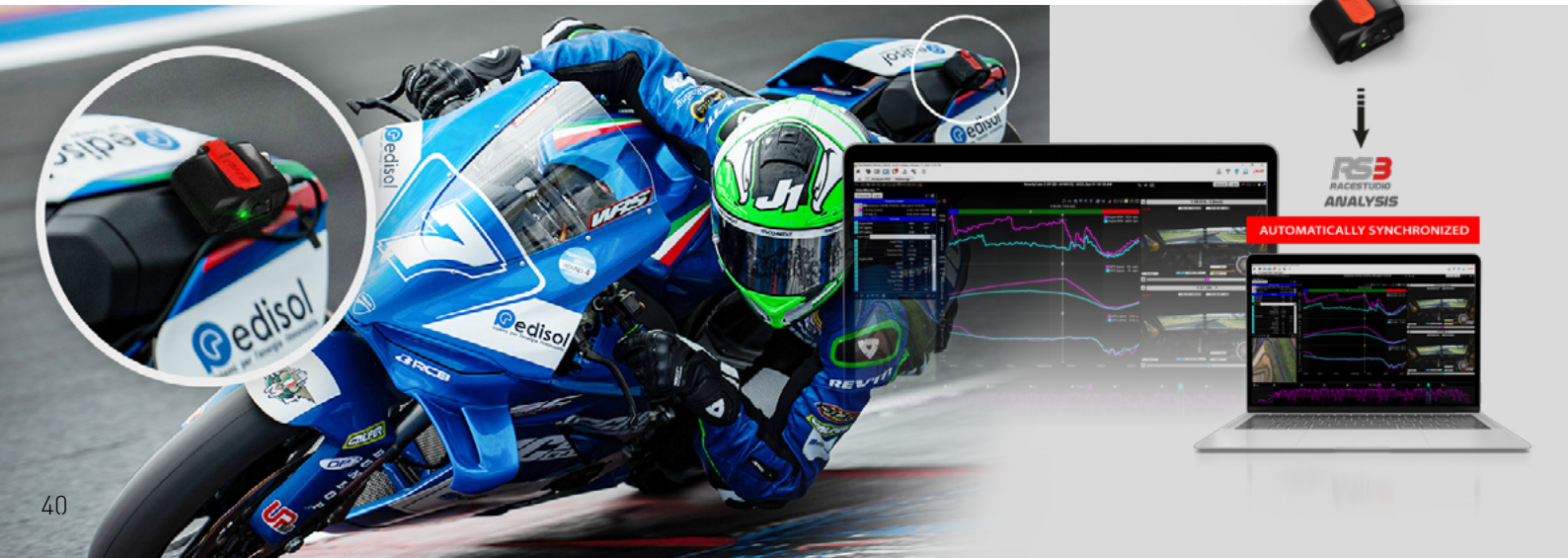
EVO6L

XLog

ECULog

In-Depth analysis with RaceStudio 3

Thanks to the removable drive or Wi-Fi connection, you can easily analyze your data using our professional **RaceStudio 3** software, comparing all the data recorded by the **AiM Data Loggers.**
RaceStudio 3 automatically recognizes it, letting you start data analysis immediately: histograms, XY view, diagrams, maps and even the reliable videos recorded with **AiM SmartyCams** are **automatically synchronized** for better comparison.



	EVO6	EVO6L	XLOG	ECULOG
ECU Connection	CAN, RS232 or K-Line to 2,000+ industry leading ECUs			
Analog inputs	8 fully configurable: 0-5V, 0-12V, K thermocouples max 2000 Hz each	5 fully configurable: 0-5V, 0-12V, K thermocouples max 2000 Hz each	-	-
Digital inputs	Coil RPM and 4 speed inputs	Coil RPM and 2 Speed inputs	Coil RPM	-
GPS	GPS09c Module 25 Hz		internal 25 Hz	-
Inertial platform	Internal 100 Hz 3 axis ±5G accelerometer + 3 axis gyro			-
Digital outputs	2, up to 1 Amp each	1, up to 1Amp each	-	-
Second CAN	Yes	-	-	-
WiFi	Yes			-
Bluetooth	Yes			
Internal memory	4 GB			
Removable Memory	SD card up to 128 Gb	-	16GB USB-C Card included	
Expansions	GPS Module, SmartyCam, ACC3, LCU Modules, Keypads			
Connectors	2 Autosport connectors	13 Binder 712 female connectors	5 pins +7 pins Binder 712 USB Type-C	
Body	Anodized Aluminum		PA6 + 30% glass fiber reinforced	
Battery	-		Rechargeable LiPo	-
Dimensions	114.4 x 47.2 x 26.0 mm	130.0 x 46.6 x 26.0 mm	74.8 x 6.4 x 31.1 mm	61.4 x 44.7 x 27.2 mm
Weight	230 g		150 g	100 g
Waterproof	IP67			

CANKey

More than a CAN Logger

The compact and easy-to-use CAN logger, designed for durability and versatility, is built to withstand the extreme environments of Motorsports.
Its rugged aluminum body and quick-access design protect your data while ensuring reliable performance in any cockpit or vehicle configuration.

Key features

- **1 CAN input**
- **1 internal memory of 4 GB**
- **1 USB-C Card of 16 MB**
- **Waterproof IP67**

Flexible configuration

CANKey can be configured in different ways, depending on your application needs:

As external memory within your AiM network
CANKey connects to any AiM dash logger to record required data, storing it on a USB-C card for fast, efficient PC transfer.

As a stand-alone DataLogger
CANKey connects directly to any CAN ECU to record all available data, independent of other AiM systems.

AiM RaceStudio 3 can automatically select the "best-matching" protocol in the database. The software scans the CAN data and identifies the protocol sharing the highest number of message IDs.

As a support tool for CAN BUS analysis
This mode opens up a wide range of interesting applications:

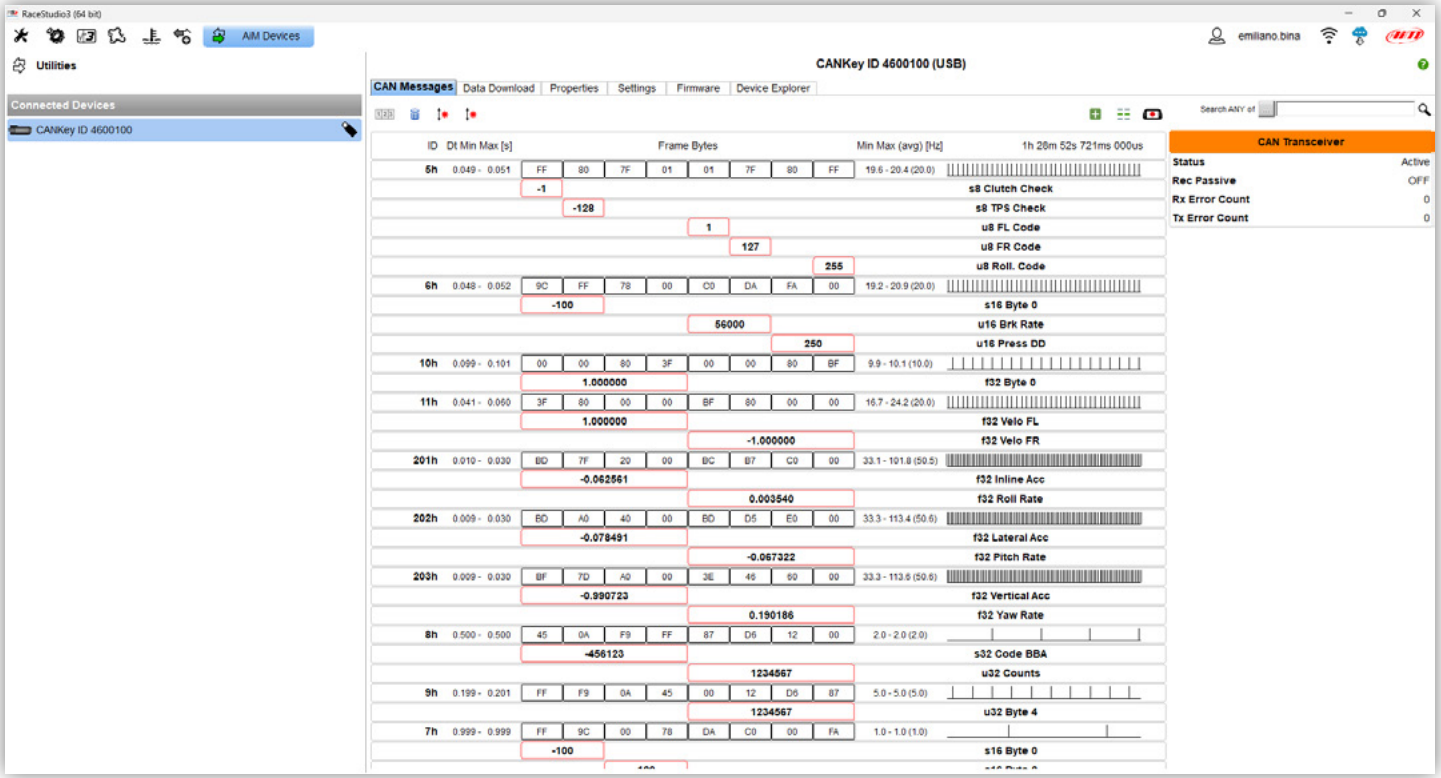
- Connected to a PC via USB-C , it displays all CAN messages in real time, providing all the information required for their management; in the meantime it can record all the CAN messages for a future analysis or an exact reproduction on what happen during the test

- A protocol from **AiM RaceStudio 3** database can be applied online to verify how accurately it matches the data observed on the CAN network

- Each message can be split into channels specifying for each the number of bytes or bits, endianness, format, and parameters—letting you build a complete driver online.

CANKey live data stream

An example of the powerful interface of the CANKey RaceStudio 3 dedicated view.



	CANKEY
ECU connection	1
External power	9÷15 V
Status LED	Yes
Connectors	5 pins Binder 712 USB-C
Memory	4 GB internal + removable USB-C memory module
Material	Anodized Aluminum
Dimensions	55.90 x 22.70 x R 13.5 mm
Weight	50 g
Waterproof	IP67

Solo 2 DL
Solo 2

The GPS Laptimers for Motorsports

Solo 2 and **Solo 2 DL** automatically calculate the lap times, thanks to their internal database including thousands of tracks all over the world.
They feature a 25 Hz, four constellation GPS receiver and a 100 Hz 6-axis inertial platform.

They calculate, show and record:

- **Lap times**
- **Sector times**
- **Position and vehicle speed**
- **3D acceleration and gyro**

Solo 2 DL version provides also some extremely useful features:

- ECU connection
- Low voltage 150-400 V of the coil or from a digital square wave signal (8-50 V)
- CAN expansions available:
    1. Channel Expansion
    2. LCU1S - LCU2 Lambda controller
    3. SmartyCam connections

The most precise and easy lap timer

Solo 2 and **Solo 2 DL** record position and speed 25 times per second, using four satellite constellations (GPS, GLONASS, BeiDou, Galileo) for sub-0.5m accuracy.
They supports speed or performance modes, providing real-time data and instant post-session analysis. The display offers 7 backlight colors.

The most precise and easiest way to get lap times

Solo 2/**Solo 2 DL** auto-detects its position using a global database of 4,000+ tracks to start timing instantly. If the track is missing, it switches to autolearning mode and records lap times automatically.

RaceStudio 3 Analysis

Solo 2/**Solo 2 DL** shows the proper information during the test and powerful data review immediately on your screen.
You may analyze your data using our professional **RaceStudio 3** software, comparing data that cannot be shown on **Solo 2**/**Solo 2 DL** display.

	Solo 2 - Solo 2 DL
Display resolution	238x99 pixels
Dispaly pages	Up to 8 configurable
Shift lights/alarm LEDs	10 RGB LEDs configurable
Backlight	7 configurable RGB colors
Integrated track database	Yes
ECU connection	CAN, RS232 or K-Line (only for Solo 2 DL version)
Inertial platform	Internal 3 axis ±5G accelerometer + 3 axis gyro
GPS	25 Hz
Wi-Fi connection	Yes
Bluetooth	Yes
External power	9÷15 V
Internal memory	4 GB
Battery type	Rechargeable LiPo
Body	PA6 GS30%
Pushbuttons	Metallic
Dimensions	137.0 x 88.4 x 31.9 mm
Weight	240 g
Waterproof	IP67
Expansions	Optional
RaceStudio 3 **(Configuration & Analysis software)**	Constantly updated and freely downloadable

SMARTY CAM 4

**The cameras designed for Motorsports,
with real time data overlays and data recording**

CORSA

GP DUAL

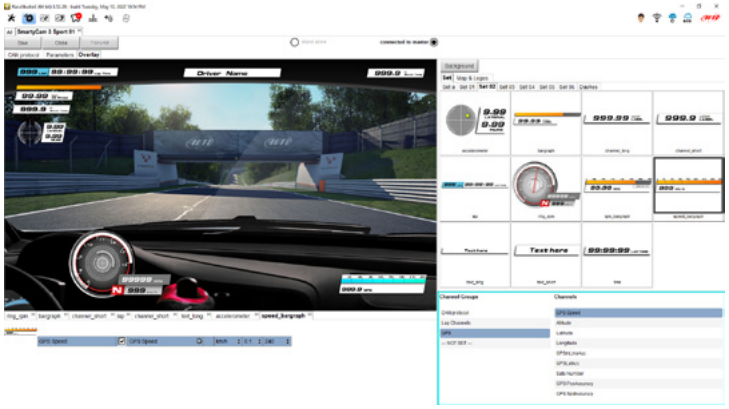
Overall Improvements:

- Enhanced image quality
- **Corsa** and **GP Dual** feature a Sony 12 MP CMOS Sensor and LSI stabilizer
- USB-C port for configuration, download and storage
- Real-time App for setting and user interface

SPORT










SMARTY CAM 4

Real-time configurable overlays on video

SmartyCam 4 cameras have been designed for Motorsports with a single purpose:

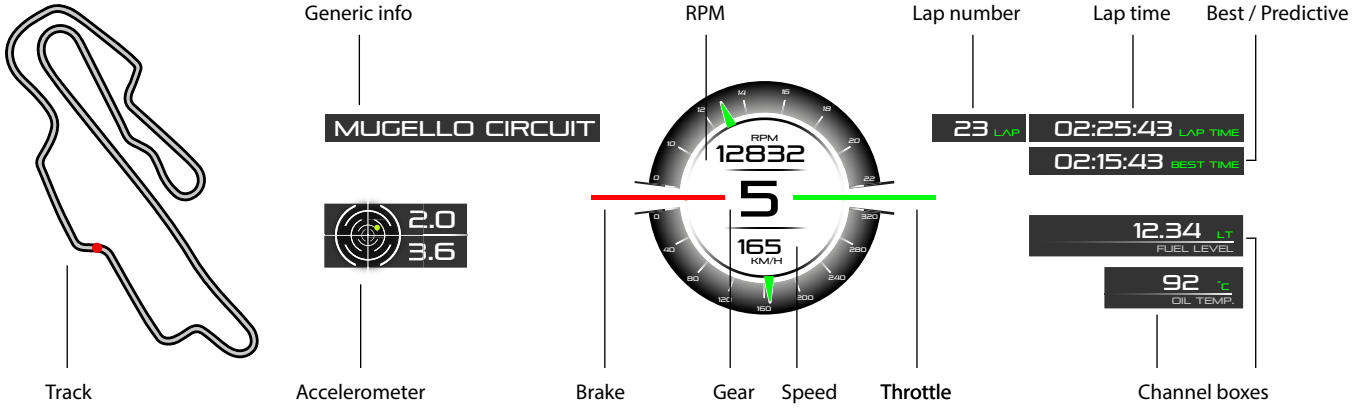
PROVIDING HIGH-QUALITY VIDEOS INCLUDING ALL THE DATA FOR PERFORMANCE ENHANCEMENT.

Configurable overlays

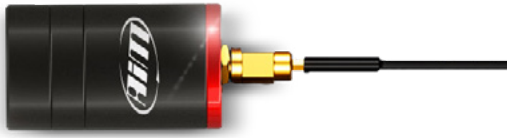
Choose which information to overlay with different styles and graphics elements. Not enough?
In addition, you can also freely move every element in the screen, no condition at all, it's all up to you.

Access to all the data from different sources

- From GPS: track map and vehicle position, as well as speed, lap and split times.
- From AiM loggers connected to your ECU:
  RPM, throttle, engaged gear, acceleration, pressures, temperatures and additional sensors.



SMARTY CAM 4



Automatic Start & Stop

No need to think about the camera while you are ready at the starting line.
SmartyCam 4 cameras switch on/off and start recording when the master does or based on RPM or speed condition previously set.

Designed for the extreme

SmartyCam 4 cameras are made in machinery molded aluminum and are IP65 waterproof. They are tested to face strong and prolonged vibrations, continuous rain, dust and extreme temperatures.

ECU Connection

Feature a second CAN protocol that allows the user to set the ECU Stream of a wide number of supported ECUs.

12 MP CMOS Sensor

SmartyCam 4 Corsa and **GP Dual** feature a new Sony CMOS sensor with a dedicated processing chip, delivering superior video quality enhanced by the LSI stabilizer.

Smart Sync

In case MP4 data are not enough for your analysis, simply import video file and data from your AiM Logger and the software will automatically synchronize them: position on the track, video frame and data on the graph will be perfectly correlated.

Video Output

Go live with ease, the **SmartyCam 4 GP Dual** equipped with an HDMI interface video output delivers smooth 30 or 60 fps video and audio streaming for instant, high-quality broadcasts.

High quality with small size video files

Generic HD cameras are focused on the highest pixels number. The result is that their video files are far too large, taking too much memory.
SmartyCam 4 videos have the same quality as other FHD cameras but their files are smaller because the H.264 compression system parameters have been optimized to perfectly balance video quality and file size.

Full internal datalogger

All data received are recorded in .mp4 files. Your USB-C Card contains all the information you need for data analysis.
Whit the USB-C card you can also send the configuration, update and tracks to the camera.

SMARTY CAM 4 SPORT

Key features

- Global shutter CMOS sensor
- 1920x1080 pixels Full HD 30 fps H.264
- Support for up to 2 TB USB-C Card
- 67° / 84° / 120° angle lens
- Internal, rechargeable LiPo battery
- 9-15 Volt External Power
- -10°C/+50°C temperatures working range
- Auto Power ON/OFF
- Auto Start/Stop recording
- CAN connection to all AiM Systems

A Motorsports camera in a pocket

Pick up your **SmartyCam 4 Sport** and put it whatever you want: its compact design is perfectly shaped to take up as little space as possibile into your racing cockpit.

Full Control, Right from Your Smartphone

With the dedicated **RaceStudio 3 app**, all camera settings including framing, frame rate, image flip and more, can be easily adjusted right from your smartphone, all at your fingertips.
A wide range of customization options provides precise control for any track or condition. Additionally, all data from the connected loggers can be viewed in real time on your smartphone when paired with the **SmartyCam 4**.

SMARTY CAM 4 CORSA

Key features

- 12 MP Sony CMOS sensor
- Sony LSI stabilizer
- 1920x1080 pixels Full HD 30-60 fps H.264
- 85° - 110° angle lens
- Internal, rechargeable LiPo battery
- 9-15 Volt External Power
- -10°C/+50°C temperatures working range
- Auto Power ON/OFF
- Auto Start/Stop recording
- USB-C connection
- Internal and external Mic
- CAN ECU

Your data, your video, your style

With **RaceStudio 3** software, easily design overlays by adding your logo, track map and choosing graphics from preset layouts or individual elements. Your data-driven videos are fully personalized.
The new Smart Sync feature automatically detects and aligns data from any AiM device with a single click, ensuring seamless analysis.

Experience stunning clarity

Equipped with the latest Sony CMOS sensor and an onboard ISP processor, **SmartyCam 4 Corsa** delivers outstanding image clarity and stability, enhanced by the integrated LSI stabilizer.
The Sony Electronic Image Stabilizer offers key improvements, including reduced vibrations, minimized "jello effect," corrected lens distortion and enhanced local contrast.

Choose between two different stabilization setting:

- **four wheels** specific settings for more smooth and engaging videos.
- **two wheels** add to the four wheels setting the horizon lock for a more realistic sense of the bike's lean angle in your footage.

Instant Analysis

With the 64 GB USB-C pen drive, downloading your synchronized videos and data takes just seconds.
You have instant access to your performance insights between sessions, so you can refine your skills and keep pushing your limits every time you hit the track.

SMARTY CAM4 GP DUAL

Key features

- 12 MP Sony CMOS sensor
- Sony LSI stabilizer
- 1920x1080 Full HD 30-60 fps H.264
- 85° / 110° angle lens
- Internal, rechargeable LiPo battery
- 9-15 Volt External Power
- 22-pins autosport connector + 2 SMA + 1 USB-C
- -10°C/+50°C temperatures working range
- Auto Power ON/OFF
- Auto Start/Stop recording
- 1 Video Output HDMI

HQ videos from another perspective

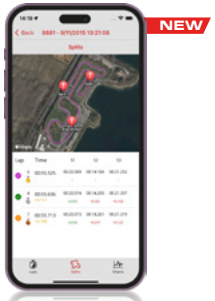
SmartyCam 4 GP Dual is the ideal solution for those who require video recording but have limited installation space. The AiM Bullet Camera includes in the main unit a large rechargeable internal LiPo battery and the bullets are designed for use **outside the vehicle**.
It operates in temperatures from –10°C to +50°C, with an IP65 waterproof rating to withstand the harshest racing conditions.
SmartyCam 4 GP Dual features a 22-pins Motorsports connector, two SMA female connectors, and an HDMI output for live video streaming.

The Camera with Bullet Lenses

SmartyCam 4 GP Dual is designed to be installed in open roof vehicles, where it is important that the CMOS is enclosed in a small, waterproof body, to resist the most extreme and severe condition of racing.
The bullet comes with 85° or 110° angle lens.
The 85° FOV lens is usually adopted in closed roof cars, thus avoiding an excessive view of the cockpit in the video, while the 110° lense is used in open-wheel cars and prototype offering a wide open view of the track.

RS3 RACESTUDIO

V3



The Key to Motorsports Improvement: Data Analysis

Performance in Motorsports is built on three core pillars:

Maximizing Driver Performance
Monitoring Vehicle Status
Optimizing Efficiency

With **SmartyCam 4** cameras, you gain complete control over these areas. The high-quality footage delivers precise insights into telemetry, racing lines and driver behavior, essential for professional analysis and performance enhancement while tracking vital data like oil pressure and battery voltage to detect issues early. Data and video analysis help identify setup inefficiencies, guiding more targeted adjustments for peak performance.
After your session, easily split the video into individual laps with one click. Compare laps side-by-side to spot where you gained or lost time, even challenge your best lap against a friend's one on the same track to push performance even further.

	SPORT	CORSA	GP DUAL
Video format	H.264 1920 x1080 px @ 30 fps	H.264 1920 x1080 px @ 30/60 fps	
Lens	Low distortion lens 67° - 84° - 120°	Low distortion lens 85° - 110°	
Sensor	2 MP Global Shutter	Sony 12 MP CMOS	
Stabilizer	-	LSI Sony for enhanced features	
Connection	USB - Wi-Fi - Bluetooth		
Streaming	via USB or Wi-Fi		via HDMI, USB, Wi-Fi
Internal battery	Rechargeable LiPo battery		
External power	9-15 Volt		
Supported Memory	USB-C Card up to 2TB		
Connectors	2 Binder 712 female 1 USB-C		2 SMA - 1 USB-C - 1 Deutch 22 pins 1 HDMI - Ethernet
Temp. working range	-10°C/+50°C		
Auto Power ON/OFF	Yes		
Auto Start/Stop Recording	Yes		
Body	Anodized Aluminum		
Dimensions	94 x 63 x 28.7 mm	94 x 63 x 28.7 mm	119.0 x 84.9 x 32.0 mm (main unit) 24 diam x 48.2 mm (bullet)
Weight	200 g, battery included	260 g, battery included	Main unit 380 g, battery included
RaceStudio 3 app & software	Yes		
Waterproof	IP65		

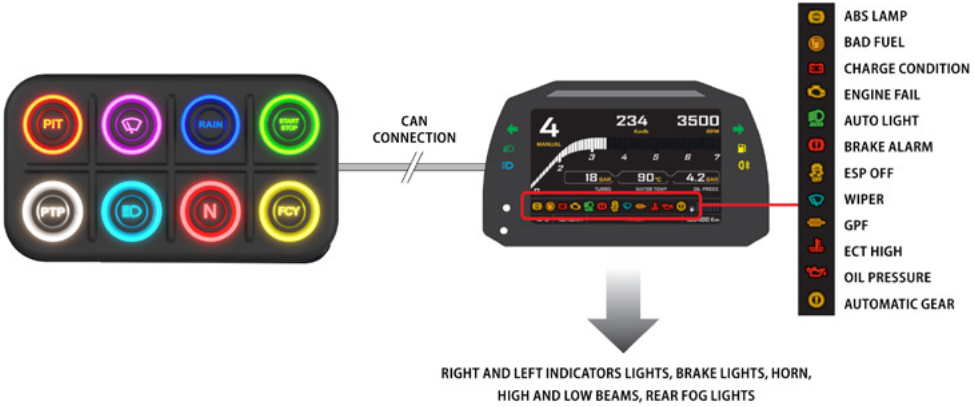
MXsl

The power and compact module Dash completely configurable

MXsl is a completely configurable 5" dash controller that, beyond the typical features of a dash, like ECU connection, analog/digital Inputs, GPS management etc., offers 10 useful High-Power Outputs that can be used for directly powering motors, lights, fans, pumps, electronic devices, without any necessity of conventional relays and fuses.
The harness becomes extremely simplified and the flexibility is the status of art.

Key features

- 5"TFT Display
- 800x480 pixels resolution
- 600:1 Contrast
- 700cd/m2 - 1,100 Lumen Brightness
- Ambient light sensor
- 6 configurable RGB Alarm LEDs
- 10 configurable RGB LEDs Shift Lights
- 2 AMP connectors + 1 Binder connector
- ECU Connection
- 3 CAN connections
- 8 fully configurable analog, digital inputs
- Supports expansion modules
- 2 Low Side Digital Outputs (1A max)
- 8 High Side Digital Outputs (5A max)
- 2 High Side Digital Outputs (10A max)



It detects shortcuts, overcurrents and open circuits, recording the faults for a complete diagnosis and showing, if required, the proper information on the screen.
Each output can be configured to be activated by a combination of math channels, analog/digital inputs, pushbuttons or ECU fields, programming even the maximum absorbed current.

MXsl comes as stock dash controller for all the Dallara Stradale models since 2017.

MXsl DASH CONTROLLER	
Display resolution	800x480 pixels
Contrast	600:1
Ambient light sensor	Yes
Shift lights	10 RGB LEDs
Alarms	6 RGB LEDs
CAN connections	3
ECU connections	CAN, RS232 or K-Line
Analog/Digital Inputs	8 configurable, analog/digital (0-5 V, 0-12 V) max 1000 Hz each
Speed Input	1
RPM Input	1
Digital outputs Low Side	2 (max 1 A each)
Digital outputs High Side	Eight 5 A outputs, two 15 A outputs. Protected Output PWM capable (100 Hz to 400 Hz)
Internal memory	4 GB
Integrated data logger	Yes
Body	Anodized aluminum
Connectors	1 AMPSEAL 23 pins + 1 AMPSEAL 14 pins + 1 Binder 5 pins 712
Power consumption	400 mA without power output lines active
Waterproof	IP67
Expansions	Optional
RaceStudio 3 **(Configuration & Analysis software)**	Constantly updated and freely downloadable

PDM32
PDM08

Key features

- Integrated Power Distribution Module
  + 4 GB datalogger
  + Dash controller
- 5", 6" or 10" Display
- GPS09 Module for automatic Lap Time and track position
- 3 CAN connectors

PDM32

- 28 High Side Outputs
- 4 half Bridge Outputs

PDM08

- 8 High Side Outputs

Much more than a Power Distribution Module

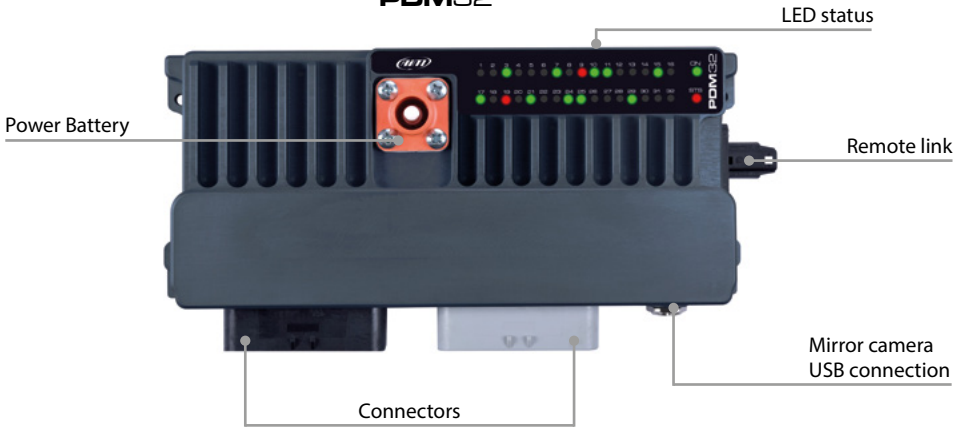
PDM32 and **PDM08** Power Distribution Modules are designed to distribute power to multiple circuits on your vehicle, easily replacing traditional fuse and relay system.

AiM PDMs are housed in anodized billet aluminum case.
They are designed and manufactured to manage the rigors of Motorsports and include a complete professional data logger and internal dash controller.
As the core of vehicle electronics, it simplifies wiring and enhances control.
5", 6" and 10" displays are available for AiM PDMs, offering the perfect solution for a complete integrated system.

PDM08


+12V
Battery
PDM08
LED status
Power Battery
Remote link
Connector

PDM32


LED status
Power Battery
Remote link
Mirror camera
USB connection
Connectors

	PDM08	PDM32
LEDs	8 RGB LEDs + 1 PDM ON + 1 PDM STS (Status)	32 RGB LEDs + 1 PDM ON + 1PDM STS (Status)
Inputs	6 fully configurable, recorded at max 500 Hz each: analog (0-5V ; 0-12V)/digital inputs Pullup/Pulldown	14 fully configurable, recorded at max 500 Hz each: 8 analog (0-5V ; 0-12V)/digital inputs 4 digital inputs 2 Pullup/Pulldown
Power outputs	1 with serie diode rated up to 20 A	4 rated up to 20 A (high side)
Lin bus	1	
CAN connection	3	
Internal memory	4 GB	
External modules	GT32, GPS09c, Channel Expansion, TC Hub, LC1S, LCU2, SmartyCam 3 and 4 Series, Memory Module, Keypad Series	
Connectors	1 AMP connector + 1 Amphenol Surlok connector + 1	2 AMP connectors + 2 Binder connectors + 1 Amphenol
Body	Anodized Aluminum	
Dimensions	161x100.6x50.6 mm	223.0 x 94.6 x 49.5 mm
Weight	370 g	760 g
Waterproof	IP65	

EPM**32**
EPM**08**

EPM32/08 are two expansions dedicated to:

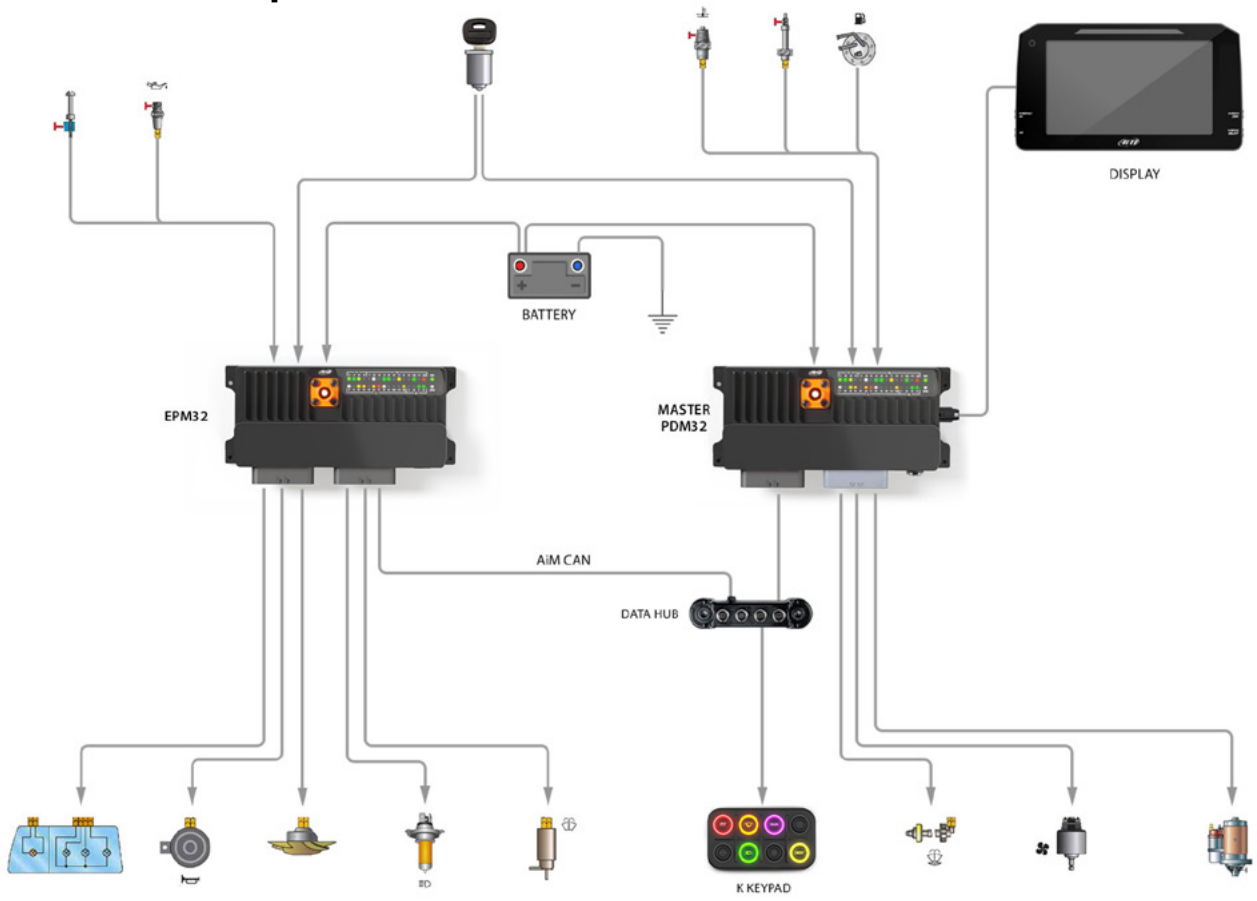
- **MX 1.2/1.3 and Strada Series**
- **PDM08**
- **PDM32**

With **EPM32** and **EPM08** your system will have completely configurable power outputs, digital and analog inputs.

Key features

- **RGB LEDs**
- **Analog/digital inputs**
- **Power Outputs**
- **AMP and Amphenol Surlok connectors**

Connection example




PDM32

	EPM08	EPM32
LEDs	8 RGB LEDs + 1 EPM ON + 1 EPM STS (Status)	32 RGB LEDs + 1 EPM ON + 1EPM STS (Status)
Inputs	6 fully configurable analog inputs (0-5V ; 0-12V) recorded at max 500 Hz each digital inputs pullup/pulldown	12 inputs (8 configurable as analogic or digital, 4 digital only) Up to 8 analogic inputs recorded at maz 500 Hz each Up to 12 digital inputs pullup/pulldown
Power outputs	1 with serie diode rated up to 20 A 1 rated up to 25 A 6 rated up to 15 A Protected for: over voltage, under voltage, over current, over temperature All outputs have internal freewheeling diode Total max current: 100 A	4 rated up to 20 A (high side) 12 rated up to 15 A (high side) 12 rated up to 10 A (high side) 4 rated up to 35 A (high side/half bridge/low side/configurable PWM at max 500 Hz) Protected for: over voltage, under voltage, short circuit, over current, over temperature Total max current: 120 A
Connectors	1 AMP connector 1 Amphenol Surlok connector	2 AMP connectors 1 Amphenol Surlok connector
Body	Anodized Aluminum	
Dimensions	161x100.6x50.6 mm	234.4 x 95.1 x 49.0 mm
Weight	370 g	740 g

NEW

MBS

Main Battery Switch

MBS is a next-generation electrical safety cut-off system, specifically designed for the rigorous of professional Motorsports applications.
Engineered to meet and exceed FIA, SFI and national Motorsports regulations, it ensures instant and reliable shutdown of the vehicle's electrical system in case of emergency or needs, such as:

Key features

- **External controls**
- **Integrated IMU detects crashes or pre-programmed dangerous conditions**
- **External signal or CAN command triggers battery disconnection**

The **MBS** primary goal is to ensure vehicle and driver safety by isolating and disconnecting the electrical system.

- **Total Power Isolation:** Instantly disconnects the battery and electronic control circuits to prevent electrical fires and short circuits.
- **Programmable:** completely programmable via USB or CAN.

Technical specifications

The new **MBS** is available in two versions, aimed at covering the different needs of the market:

- 300 A
- 150 A

	MBS - 300 A	MBS - 150 A
Voltage range	6 V – 19 V, 28 V transient	
Operating temperature range	- 20°C +85°C	
Current capability	300 A continuous, peak up to 1,000 A	150 A continuous, peak up to 600 A
Current measurement resolution	3 A	
Current measurement range	-1,000 A to 1,000 A	-600 A to 600 A
Current measurement accuracy	± 5%	
Inductive load switching capability	600 mJ	
High current terminal	Surlok connector	
Signal connector	Autosport ASX202-06PN (mating plug ASX602-06SN included)	
Power save state current consumption	<5 mA	
Digital output	1 configurable active high/low	
Digital input	1 configurable active high/low + 1 active low	
CAN Bus connection	1 configurable	
USB-C connector	1	
Body	Anodized aluminium	
Dimensions	119.0 x 69.0 x 41.2 mm	99.0 x 64.0 x 38.7 mm
Weight	400 g	320 g
Waterproof	IP67	

NEW

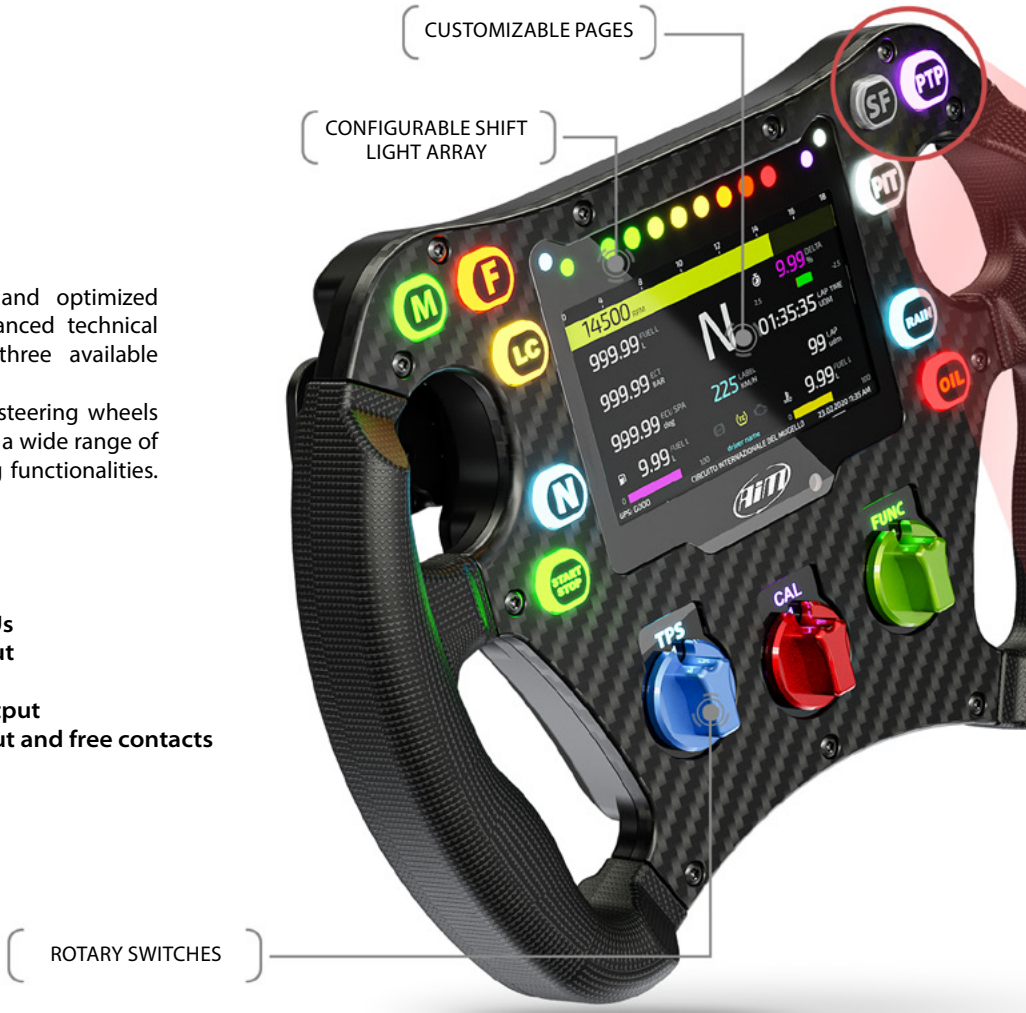
SW4 270

The Steering Wheel with integrated datalogger

SW4 270 evolves into a new advanced and optimized version: even more resistant, featuring enhanced technical specifications, improved ergonomics and three available variants.
SW4 270 remains one of the most versatile steering wheels on the market, thanks to its compatibility with a wide range of ECU protocols and its integrated data-logging functionalities.

Key features

- 4 GB datalogger
- Easy connection to more than 2,000 ECUs
- 8 configurable pushbuttons - CAN output
- 2 free contacts pushbuttons
- 3 configurable rotary switches - CAN output
- 2 Carbon fiber Shift paddles - CAN output and free contacts
- Configurable display pages
- Shift lights
- Multiple Expansions
- Deutsch 22-pins connector



Improvements:

- More resistant and lightweight construction material: polymer and carbon front panel, HBNR hydrocarbon. resistant compound, CNC-machined aluminum base.
- Enhanced ergonomics: all buttons and rotary switches are within thumb reach.
- Reduced and optimized thickness profile of the lower area.
- Available in 3 versions: 0 / 1 / 3 rotary switches.
- Available with two connector options.

SW4 270


M
F
LC
N
START STOP
SF
PTP
PIT
RAIN
OIL
TPS
CAL
FUNC
14500
4.85
119.32
5
1.26
01:35:28
3.59
245
8.65
23
90.7

	SW4 270
Diameter	Ø 270 mm
Display	4.3" TFT
Resolution	800x480 pixels
Contrast	800:1
Brightness	800 cd/m2 - 1,100 Lumen
Ambient light sensor	Yes
Alarm display icons	Yes, configurable
Shift Lights	8 configurable RGB LEDs
Alarm LEDs	4 configurable RGB LEDs
CAN connections	3
ECU connection	CAN
ECU compatibility	2,000+ industry leading ECUs
CAN expansions	GPS Module, SmartyCam, ACC3, LCU Module, Shift Lights Module
Internal memory	4 GB
Body	Anodized Aluminum + Carbon fiber forged composite
Pushbuttons	10 pushbuttons + 3 rotary switches with RGB backlights
Connectors	1 Autosport 22-pins male | 1 Autosport 13-pins male
Dimensions	270 x 189.5 x 38.2 mm
Weight	1,400 g
Power consumption	500 mA
Waterproof	IP65

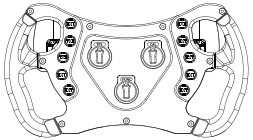
GT32

The Electronic Steering Wheel

GT32 steering wheel transmits in a freely configurable CAN connection the status of the eight pushbuttons (while 2 of them feature free contacts connections), 3 rotary switches and paddles.

Completely configurable pushbuttons:

- **Momentary**
- **Toggle**
- **Multistatus**



Ø 320

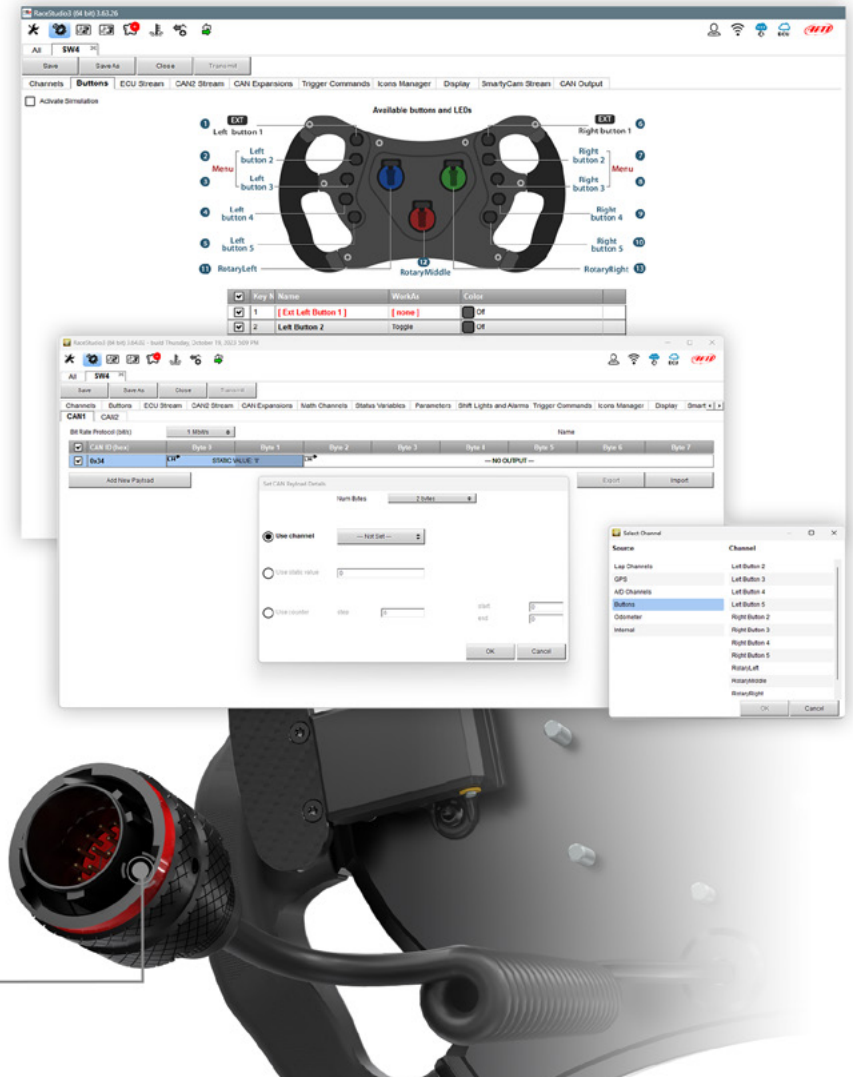
Custom backlighting

RGB LEDs can be managed through math channels according to the status of the pushbuttons and/or the feedback coming from external devices.
They can be solid or blinking at 2 frequencies and at the preferred light level brightness. Moreover, paddle shifts feature free contacts on a dedicated pin of the Autosport connector too.

Available as an AiM expansion or as a completely standalone device.

Pushbuttons configuration

The RGB LEDs behind all 10 pushbuttons and the back-lit multi-position switches are designed to instantly find the right input in the heat of competition.
Every single LED can be fully programmed through RaceStudio 3; they can work as momentary, toggle or multistatus and each option can be configured depending on the length of time the button is pressed or on other conditions according to any specific needs.



	GT32
Diameter	Ø 320 mm
CAN connections	1
Body	Anodized Aluminum
Pushbuttons	10 pushbuttons with RGB backlights
Rotary switches	3 rotary switches with RGB backlights
Connectors	1 Autosport 22 pins male connector
Dimensions	320 x 176 x 43 mm
Weight	2,600 g
Power consumption	500 mA
Waterproof	IP67

PYTHON SERIES

The Multi-Cylinder ECU

Experience the next generation of engine management with the new **Python Multi-Cylinder ECU Series.**

The new **Python ECU** represents the foundation, the core "zero project" from which all subsequent developments originated. Designed to deliver robust performance, scalability and reliability, **Python** serves as the base architecture for our advanced ECU family.

- **Python L**, designed exclusively for **Legend Cars**. Featuring custom hardware and firmware, it allows drivers to unlock the full potential of their 3-injector configurations.

- **Python P**, developed for the **Polaris RZR ProR**, extends the same technology to a 4-cylinder setup, built to meet the demands of the off-road passionate drivers.

Python L
Exclusively designed for **Legend Cars**

Next level engine management

The result is a modular and adaptable ECU platform that combines technical precision with application-specific optimization, a benchmark in flexibility and performance for modern automotive control systems.

Python
Multi-Cylinder Plug&Play ECU
customizable for up to 4-stroke engine

Python P
Exclusively designed for **Polaris RZR Pro**

PYTHON L

Multi-Cylinder ECU for Legend Cars

Python L is the new plug&play ECU developed specifically for **Legend Cars**, fully customized for their engines:

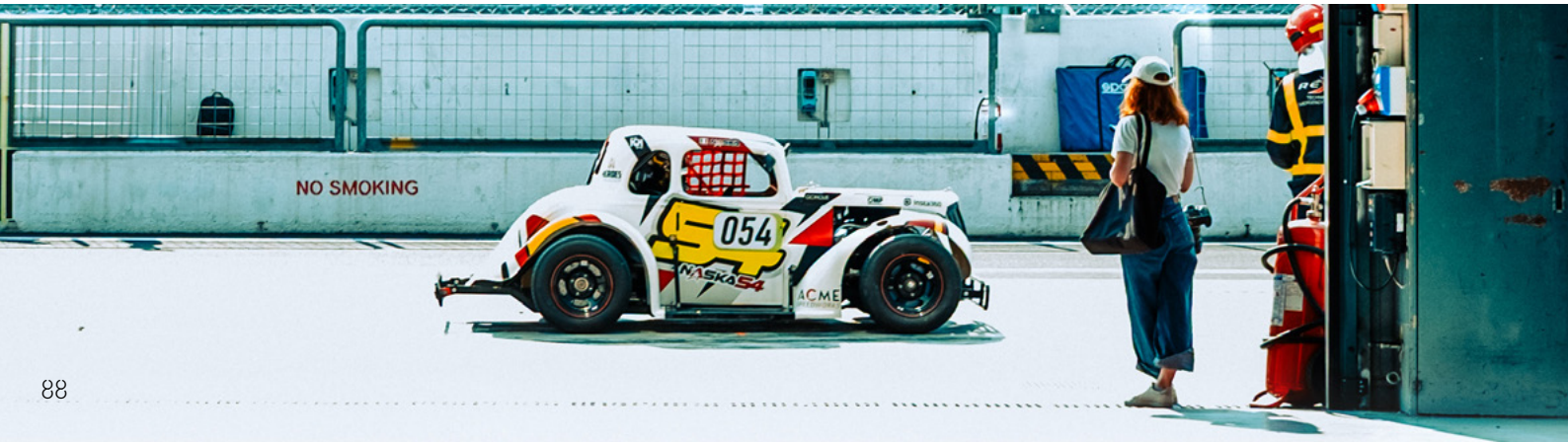
- **MT09: 890cc**
- **FZ07: 850cc**

Thanks to its advanced technology, it allows drivers to unleash the full power of their car. The unit has been specifically engineered for this type of engine, which features 3 saturated injectors.

Key features:

- Direct control of up to 3 ignition coils
- Integrated barometric pressure sensor
- Advanced tuning capabilities, including 4 digital inputs, 3 temperature inputs and a full dedicated sensor linearization for Legend applications
- Drive-by-wire
- Aluminum housing

In addition, a dedicated **MXm** has been developed to ensure the best possible data acquisition and to help drivers achieve optimal performance.



Multi-Cylinder ECU for Polaris

Python P is a new project that started development in September 2025, carried out in just a few months by AiM R&D, Hardware and Firmware departments.

This plug&play ECU has been designed for the **Polaris RZR ProR** equipped with 4-cylinders engine – the race car that will officially compete at the **King of the Hammers 2026**.

It has been engineered for the "**2Prostar Fury 2.0**" engine of the **Polaris RZR ProR**, with the goal of unleashing its full power.

Key features:

- 4 saturated injectors
- 4 coil power drivers
- Advanced unit capabilities, including 9 analog inputs, 2 temperature inputs and 1 differential crank position sensor (VRS)
- Drive-by-wire
- Aluminum housing

Built for peak performance in the most extreme off-road conditions, Python P ECU redefines innovation and precision for those who drive beyond limits.

	PYTHON
Outputs	• 4 saturated injectors (12Ω) • 4 coil power driver (21A, 390V, 300 mJ) • MRD low side (main relay driver max 0.6A) • 1 high side 5A • 1 bipolar stepper motor driver 0.6A • 1 H-BRIDGE (DBW) 8.3A • 2 Vref (5V, 100 mA) • 7 low side (6 @ 4A, 1 @ 2.2A)
Inputs	• 1 differential crank position sensor (VRS) or 1 HALL crank position sensor • 3 digital frequency input (2 speed , 1 cam sync) VRS/HALL • 1 key input • 4 digital input, close to GND • 9 analog inputs (8 inputs 0-5V, 1 input 0-12V) • 3 temperature inputs 50 Ω-100K Ω
Interfaces	2 CAN busses (1 for calibration, 1 for datalogger/dashboard)
Connector	APTIV/DELPHI 64 contacts
Dimensions	122.3x120x40.4 mm
Weight	450 gr
Waterproof	IP67
Lambda	Internal wide band lambda controller
Inertial Platform	Internal 6 DOF IMU (3 x accelerometers, 3x gyro) for pitch and roll
Sensor	Internal barometric sensor
Datalogger	Internal memory

PYTHON L	PYTHON P
• 3 saturated injectors (12Ω) • 3 coil power driver (21A, 390V, 300 mJ) • MRD low side (main relay driver max 0.6A) • 1 high side 5A • 1 H-BRIDGE (DBW) 8.3A • 2 Vref (5V, 100 mA) • 7 low side (6 @ 4A, 1 @ 2.2A)	• 4 saturated injectors (12Ω) • 4 coil power driver (21A, 390V, 300 mJ) • MRD low side (main relay driver max 0.6A) • 1 high side 5A • 1 high side 0.6 A • 1 H-BRIDGE (DBW) 8.3A • 2 Vref (5V, 100 mA) • 8 low side (7 @ 4A, 1 @ 2.2A)
• 1 differential crank position sensor (VRS) • 3 digital frequency input (2 speed , 1 cam sync) VRS/HALL • 1 key input • 4 digital input, close to GND • 9 analog inputs (8 inputs 0-5V, 1 input 0-12V) • 3 temperature inputs 50 Ω-100K Ω	• 1 differential crank position sensor (VRS) or 1 HALL crank position sensor • 2 digital frequency input (1 speed , 1 cam sync) VRS/HALL • 1 key input • 5 digital input, close to GND • 9 analog inputs (8 inputs 0-5V, 1 input 0-12V) • 2 temperature inputs 50 Ω-100K Ω • 1 knock sensor
2 CAN busses (1 for calibration, 1 for datalogger/dashboard)	3 CAN busses (1 for calibration, 1 for datalogger/dashboard, 1for chassis)
APTIV/DELPHI 64 contacts	2 x 56 contacts connectors + 2 Binder 712 female connectors
122.3x120x40.4 mm	142.7x117.9x48.4 mm
450 gr	450 gr
IP67	IP67
Internal wide band lambda controller	Internal wide band lambda controller
-	Internal 6 DOF IMU (3 x accelerometers, 3x gyro) for pitch and roll
Internal barometric sensor	Internal barometric sensor
Internal memory	Internal memory

TAIPAN SERIES

The Powerful ECU for MX Bikes

Engine control demands precision. At 20,000 RPM, the Taipan ECU delivers 1/10° accuracy—just 0.8 µsec for spark timing. It supports advanced features like quick shift, launch control, traction control, and second injectors.

AiM ECUs key features:

- **Fully plug & play**
- **More power at the wheel**
- **Up to five selectable maps**
- **Launch control**
- **Advanced strategies**
- **Advanced base maps**
- **Extra analog inputs**
- **Extra digital outputs**

TAIPAN Y

4-STROKE until 2023
YAMAHA MX Bikes

TAIPAN V2

4-STROKE after 2023
YAMAHA MX Bikes

TAIPAN

4-STROKE MX Bikes
DUCATI NEW
HONDA
HUSQVARNA
KTM
GASGAS
KAWASAKI

Two analog inputs handle external sensors (e.g., barometric pressure), and two digital outputs allow for devices like a second injector or electronic water pump.

TAIPAN B

4-STROKE MX Bikes
BETA

NEW

TAIPAN K

2-STROKES Bikes:
KTM
Husqvarna
GASGAS

HBS2 - Handlebar Switch (second generation)

This switch is a worthwhile upgrade for riders who like tinkering and fine-tuning the engine performance.
Easy access to all five included maps, plus more.
For riders with modified engines - the on-the-fly fuel trim functionality allow to richen or lean out where and when needed.
With the new **HBS2** AiM optimized the pushbuttons for a quick and easy setup. This updated version features two extra pushbuttons and a more ergonomic shape.
Plus, HBS2 allows the management of quick shifting on factory-equipped bikes.

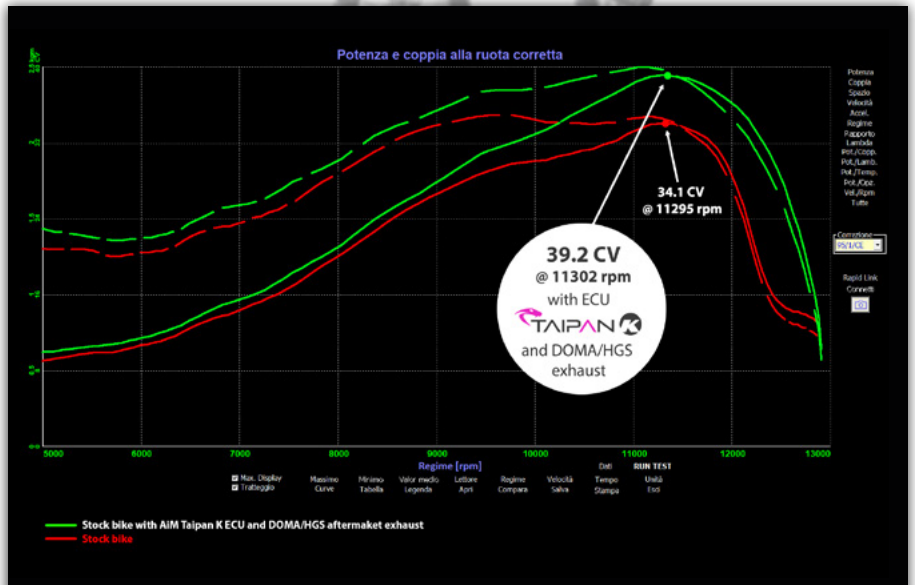
Unlock the power

Base map makes the bike immediately more performing than the original map of the OEM control unit, but with **UC-Bridge**, the dedicated add-on for AiM ECUs, every rider has much more control on every aspect and tailor the engine power exactly to his needs, managing the following:

- **Advanced Strategies**
  Strategies can be configured for second injectors, quick shift, launch control, traction control and all the important parameters for the rider.
- **Extra Analog Inputs**
  2 analog inputs to manage external sensors to improve the bike performance,such as barometric air pressure.
- **Extra Digital Outputs**
  2 additional outputs, one dedicated to a second injector and another free to add another additional device, like, for example, a water pump.

Base Map Comparison

The chart below shows a dyno comparison between a stock MX bike and the same motorcycle equipped with an **AiM Taipan K ECU** and an aftermarket exhaust system, showing consistent improvement across the entire range, improved mid to high rpm, torque improved throttle response more linear power delivery, due to optimized fuel and ingnition mapping.



FULL CONTROL.
EVERY RIDE.

Spark live dash

Thanks to the new **CAN-WI-FI Module** it is possible to connect your ECUs (all models are compatible) to the Spark live dash, the app that allows you to change maps and other parameters, providing a clear dashboard with key data plus warnings and alarms for instant and complete engine control.
Available for Apple iOS® and Google Android® smartphones.

Alarms and setting pop-ups

SPARK

Simple to use. Powerful in action.

SPARK is the intuitive software that lets you manage, customize, and fine-tune your bike's performance. From map management to traction control, SPARK puts advanced tuning at your fingertips.

TAIPAN	TAIPAN Y	TAIPAN Y V2	TAIPAN B	TAIPAN K
Two 0-5V analog inputs sampled @ 1,000 Hz each, could be alternatively used as switch to ground	Two 0-5V analog inputs sampled @ 1,000 Hz each, could be alternatively used as switch to ground	Two 0-5V analog inputs sampled @ 1,000 Hz each, could be alternatively used as switch to ground	Two 0-5V analog inputs sampled @ 1,000 Hz each, could be alternatively used as switch to ground	Two 0-5V analog inputs sampled @ 1,000 Hz each, could be alternatively used as switch to ground
Second injector driver for high impedance saturated injectors (12Ω) One low side driver (1A)	Second injector driver for high impedance saturated injectors (12Ω) One low side driver (1A)	Second injector driver for high impedance saturated injectors (12Ω) One low side driver (1A)	One low side driver (1A)	One low side driver (1A)
2 CAN bus, one for calibration purposes, one for expansions	2 CAN bus, one for calibration purposes, one for expansions	1 CAN bus for calibration purposes	1 CAN bus for calibration purposes	1 CAN bus for calibration purposes
1 JST 04T-JWPF-VSLE-S 1 JST 08R-JWPF-VSLE-D 1 JST 04R-JWPF-VSLE-S 1 33 pin male	1 JST 04T-JWPF-VSLE-S 1 JST 08R-JWPF-VSLE-D 1 JST 04R-JWPF-VSLE-S 1 39 pin male	1 JST 04T-JWPF-VSLE-S 1 JST 08R-JWPF-VSLE-D 1 39 pin male	1 JST 04T-JWPF-VSLE-S 1 JST 08R-JWPF-VSLE-D 1 36 pins male	1 JST 04T-JWPF-VSLE-S 1 JST 08R-JWPF-VSLE-D 1 64 pins male
-	-	-	-	IMU + Pitch/Roll
150 mA	150 mA	150 mA	150 mA	150 mA
PA6 + 30% glass fiber	PA6 + 30% glass fiber	PA6 + 30% glass fiber	PA6 + 30% glass fiber	PA6 + 30% glass fiber + EPDM cover
89.4x75.4x29.3 mm	73.9x95.1x30.4 mm	64.5x59x29.5 mm	109.5x53.7x32.8 mm	118.5x111.5x40.8 mm
260 g	230 g	150 g	130 g	310 g
IP67	IP67	IP67	IP67	IP67

YARARA

The ECU designed and developed for the ATV world

Yarara is the aftermarket plug & play ECU developed by AiM, exclusively designed for ATVs.
Thanks to its high technology 32-bit core, YARARA is the best solution to improve the performances of your ATV.

Key features

- **Plug & Play**
- **High technology 32-bit core**
- **Advanced Base Map**
- **Up to five selectable maps**
- **Advanced strategies**
- **More power at the wheel**

Yarara is specifically designed for
ATV Yamaha YFZ450R model year 2021-2025

Full control in your hand

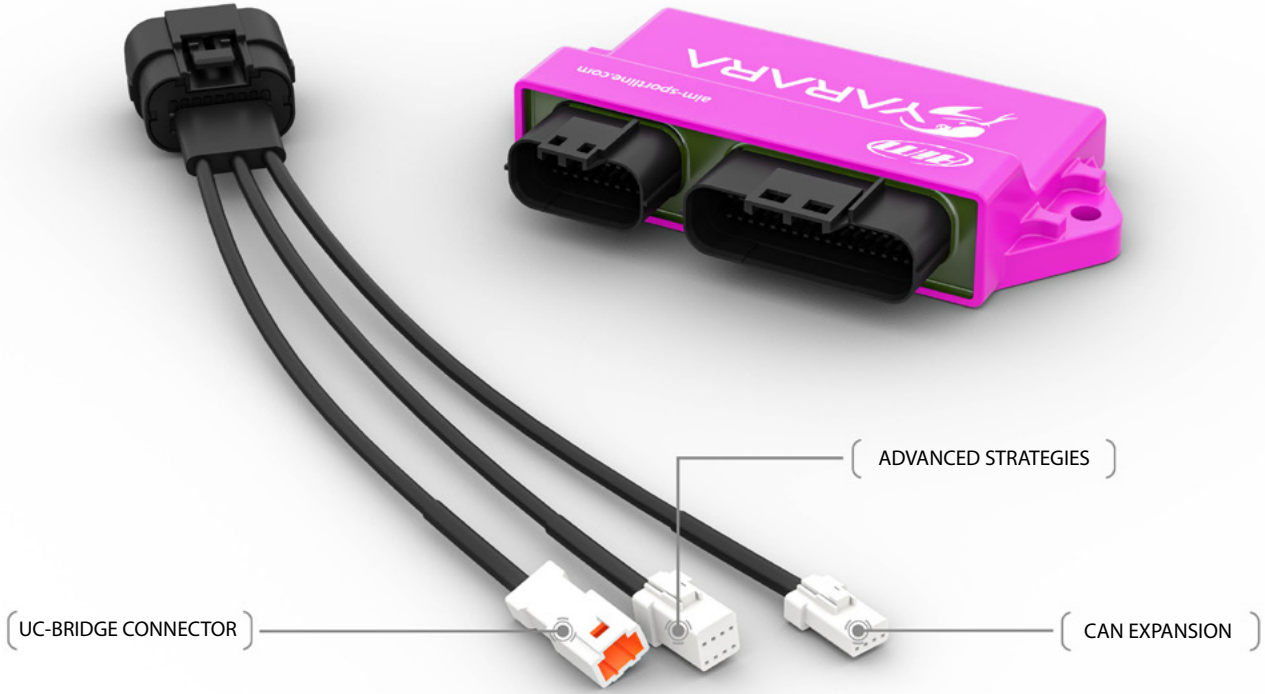
This upgraded switch is ideal for riders who enjoy fine-tuning engine performance.
It offers quick access to all 5 maps (and more), plus on-the-fly fuel trim for modified engines.
The HBS2 Handlebar switch features 4 pushbuttons and 11 LEDs managing the following settings:

- **RUNNING MAP CHANGE**
- **FUEL CORRECTIONS**
- **TRACTION CONTROL**
- **LAUNCH CONTROL**

HBS2 Handlebar switch

Fulfill your needs with Yarara secondary harness

The secondary harness is an useful add-on to express the full potential of Yarara. If you would like to connect a logger, the **HBS2** handlebar switch, a quick shifter, spare analog channel, input channel, spare low-side outpu or use the dedicated Spark software, you need the secondary harness.



	YARARA
Additional Inputs	Two 0-5V analog inputs sampled @ 1,000 Hz each, could be alternatively used as switch to ground
Additional Outputs	One low side driver (1A)
CAN Connectors	2 CAN bus, one for calibration purposes, one for expansions (AiM handlebar switch, dataloggers, dash etc)
Power consumption	150 mA
Connectors	n.1 JAE male 18 pins n.1 34 pins male
Body	PA6 + 30% glass fiber
Dimensions	141.5x84.3x26.9 mm
Weight	370 g

Shift Light **Module**

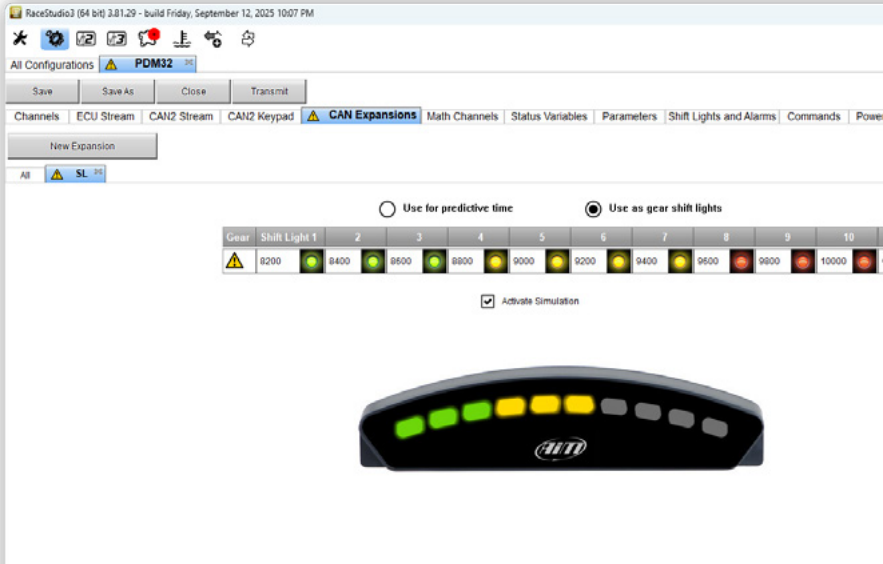
Your shift lights where you wish

Ten completely configurable RGB LEDs to keep your engine under control.
You can easily set the LED color and the RPM threshold value that turns it ON, as well as the gear number.

Shift Light Module is CAN compatible with the following AiM systems:
EVO6, EVO6L, MX Series, PDMs.

Key features

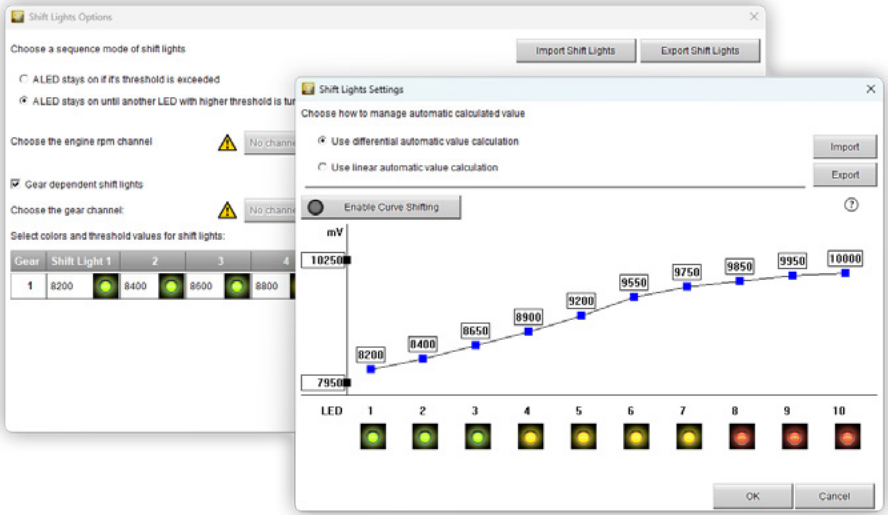
- **10 configurable RGB LEDs**
- **CAN connection to AiM loggers and dash loggers**
- **Dimensions: 116x27x17 mm**
- **Weight: 70 g**
- **Waterproof: IP65**



	Shift Light Module
Compatibility	MX series, PDMs, EVO6, EVO6L
Dimensions	116 x 27 x 17 mm
Weight	70 g
Waterproof	IP65

LED gear or Predictive

You can configure the **Shift Light Module** to function as a gear LED bar, allowing you to see the optimal moment to shift. Alternatively, it can be set up as a Predictive Lap Timer, where the LED bar turns green when you're improving your best lap time and red when your performance drops. Both LED colors and timing sensitivity are customizable.



GpS09c

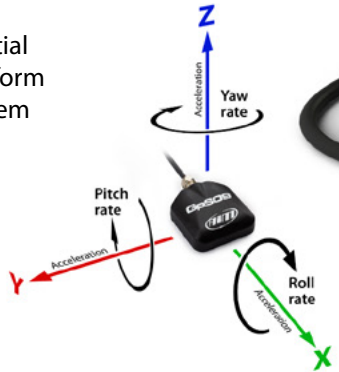
Roof version

GPS09c has the following features:

- four constellations: GPS, GLONASS, Galileo, BeiDou
- 25 Hz
- 0.5 mt CEP accuracy
- 30 seconds cold start TTFF
- 1 second hot start
- Internal 22 mm antenna

GPS09c Pro adds an internal 100 Hz 6 axis IMU
to the features proposed by GPS09c

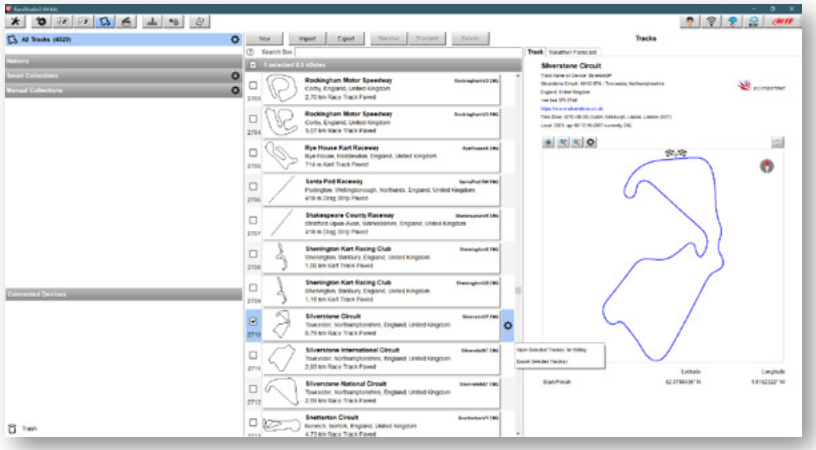
Inertial
Platform
System



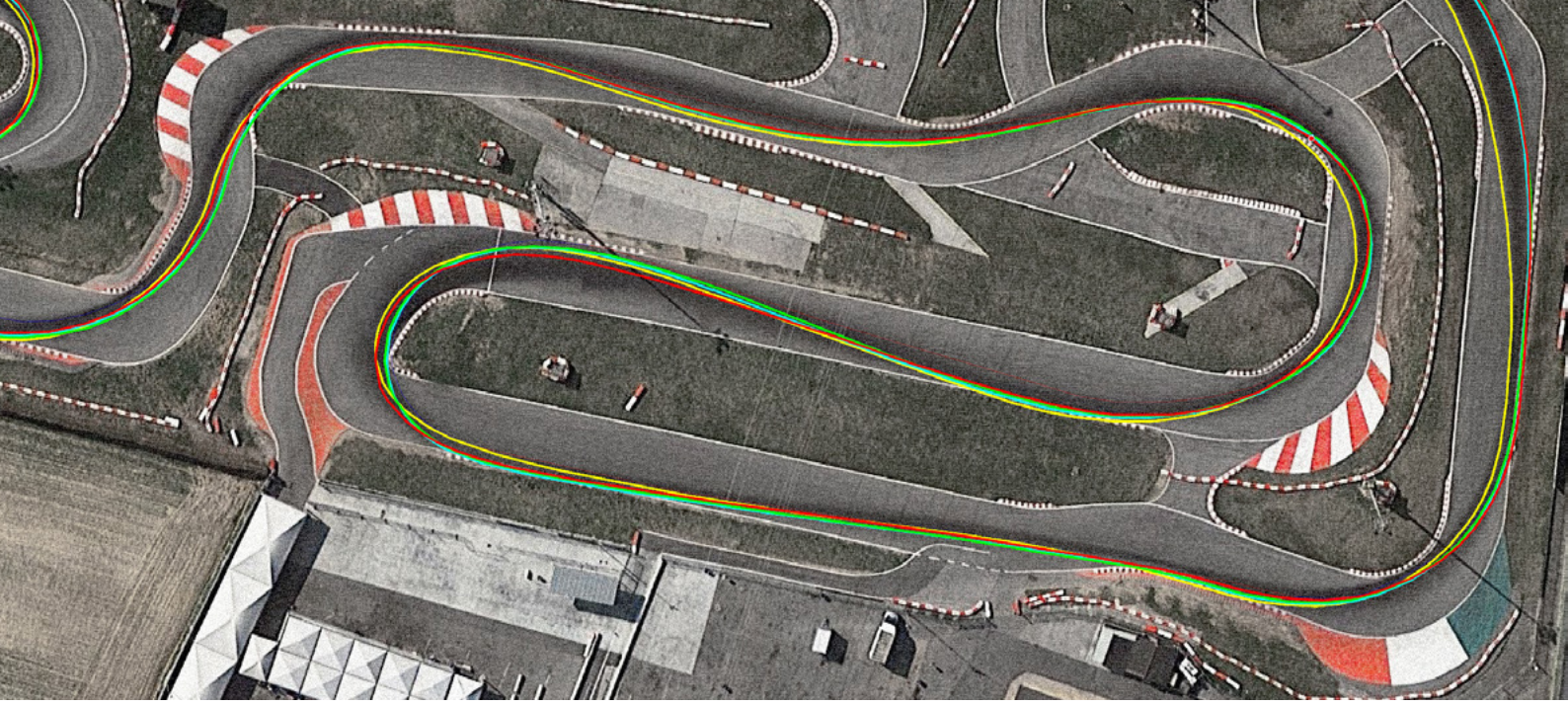
Standard version

Track database

GPS09c is the basis of lap time and split time calculations of all AiM systems.
It comes with start/finish line coordinates of more than four thousand tracks, so your dash or logger automatically recognizes the track you are racing on, and will calculate lap times and split times. What if the track is not in the database?
No problem, your system will recognizes a new track and then will calculate lap times.



Both **GPS09c** and **GPS09c Pro** have been developed in two different mechanical versions: Standard and Roof.
Vehicle with carbon fiber roof or reduced glass surface may limit the GPS signal: the Roof version is specifically designed to avoid signal loss.



Open version

GPS09c is also available in "Open Version" for transmitting the data via CAN to every system: configuring the output is very flexible, by setting IDs, messages, baud rate and frequency.
Of course, the "Open Version" can also be used as an AiM Expansion, without any issues or limitations.

	GPS09c	GPS09c Pro	GPS09c Open	GPS09c Pro Open
GPS	25 Hz			
Constellation	4 (GPS, GLONASS, Galileo, BeiDou)			
Accuracy	0.5 m CEP			
Cold start	30 seconds TTFF			
Hot start	1 second			
Antenna	Internal, 22 mm			
External power	5÷15 V			
Connection	AiM CAN		CAN, RS232	
Inertial Platform	-	6 axis, 100 Hz	-	6 axis, 100 Hz
Dimensions	53.2 x 53.8 x 19.7 mm (53.2 x 53.8 x 37.2 mm for Roof version)			
Weight	60.5 g (100 g for Roof version)			

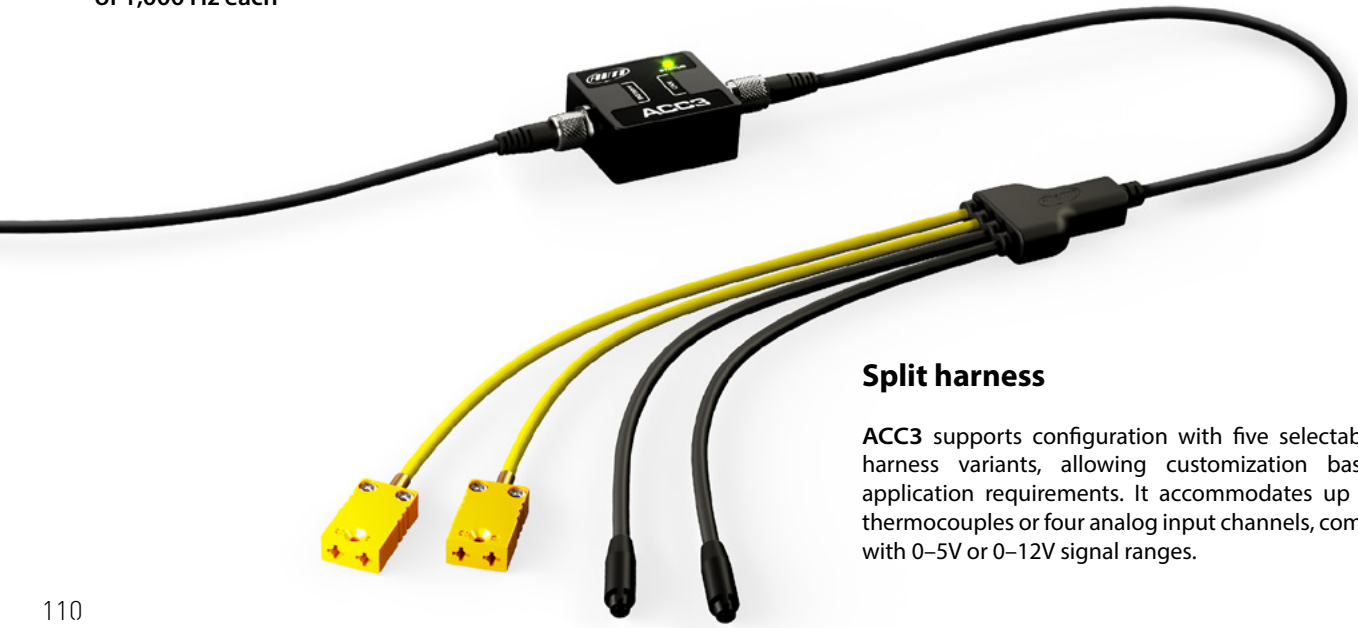
ACC3

ACC3 is the new compact **Analog CAN Converter**.

It manages 4 analog inputs:

- **Thermocouples**
- **Thermoresistances**
- **0-5V**
- **0-12V**

to a max frequency of 1,000 Hz each



Split harness

ACC3 supports configuration with five selectable split harness variants, allowing customization based on application requirements. It accommodates up to four thermocouples or four analog input channels, compatible with 0–5V or 0–12V signal ranges.

SYSTEM CONNECTION EXAMPLE

SOLO 2 DL

Laptimer data logger

ECU + POWER

4 analog channel split harness

ACC3

Analog CAN Converter

ECLIPSE

Linear potentiometers

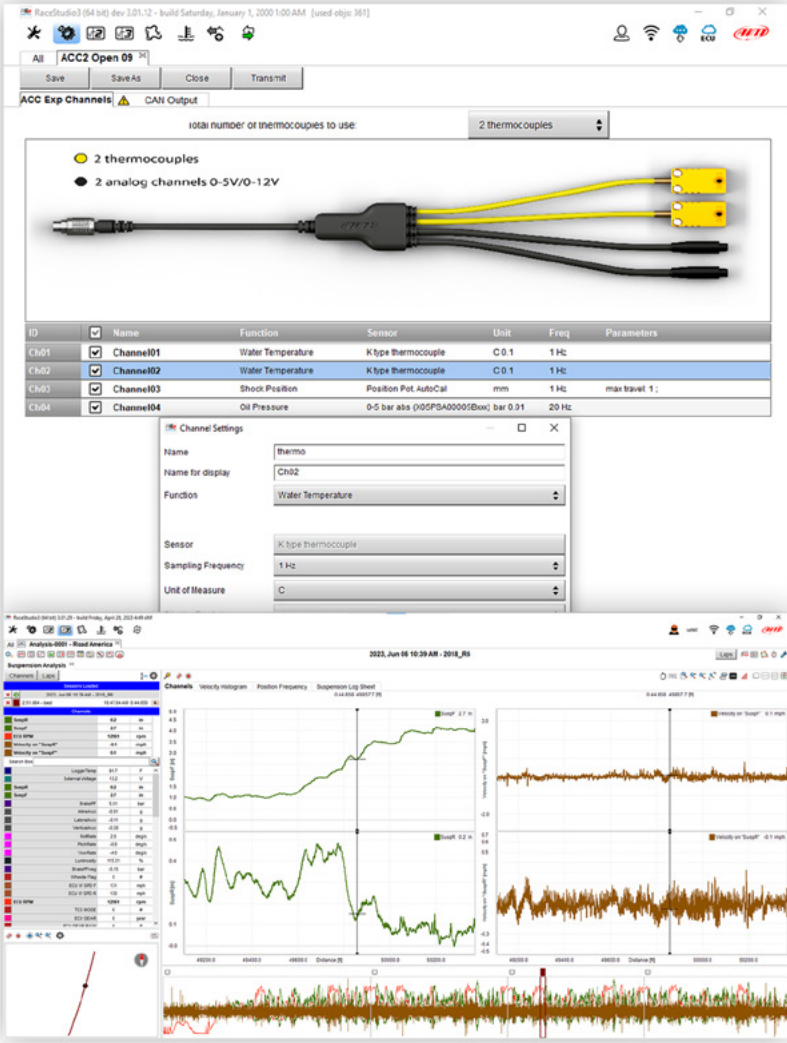
Temperature and pressure sensors

Open version

ACC3 is also available in “Open Version” for transmitting the data via CAN to every system: configuring the output is very flexible, by setting IDs, messages, baud rate and frequency.
Of course, the “Open Version” can also be used as an AiM Expansion, without any issues or limitations.

RS3 Suspension Analysis

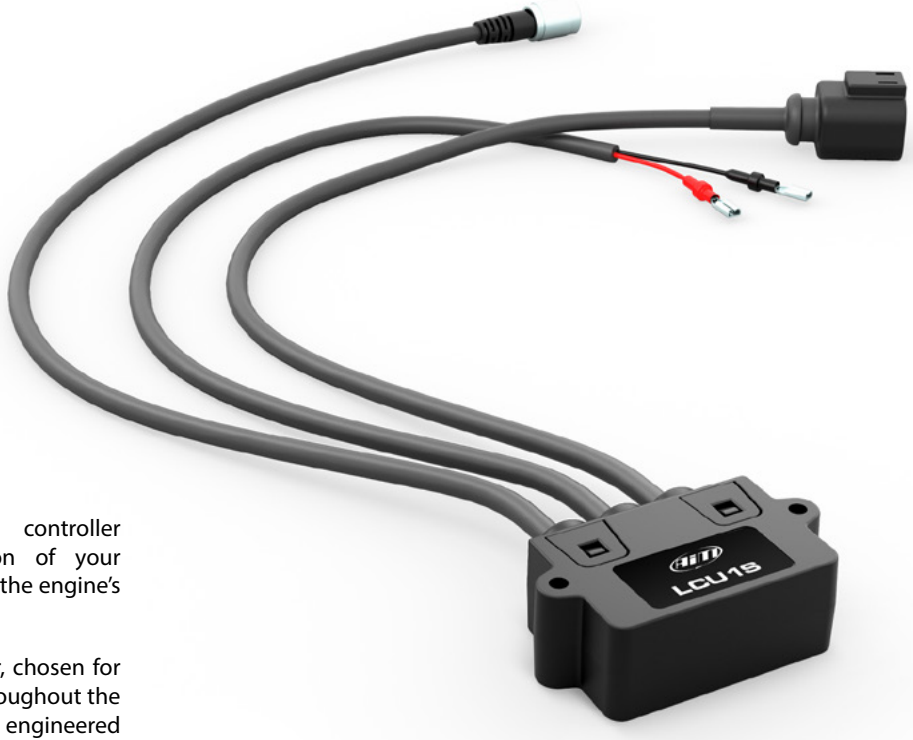
ACC3 can be connected to **Eclipse** sensors.
All the acquired data by the AiM linear potentiometer can be managed through the new **Suspension Analysis Tool** in **RaceStudio 3**, for an even more complete performance analysis software.



	ACC3	ACC3 Open
Analog channels	4 fully configurable channels, max 1 kHz each: TC, TR, 0÷5 V, 0÷12 V	
External power	9÷15 V operational 12÷15 V fully operational	
Connection	AiM CAN	CAN, USB
Connectors	5 pins Binder 712 female - 7 pins Binder 712 female	
Materials	PA6 30% glass reinforced	
Dimensions	44.0 x 38.0 x 19.8 mm	
Weight	50 g	
Waterproof	IP65	

LCU1S

LCU2 NEW



LCU1S

Full control of your engine

LCU1S and the new **LCU2** Lambda controller allow to perfectly tune the carburetion of your engine to keeping it at its best and improve the engine's performances.

They use a wideband Bosch LSU 4.9 sensor, chosen for its ability to retain its original calibration throughout the sensor's lifetime. The Bosch LSU 4.9 probe is engineered to last over 100,000 km under standard vehicle operating conditions.

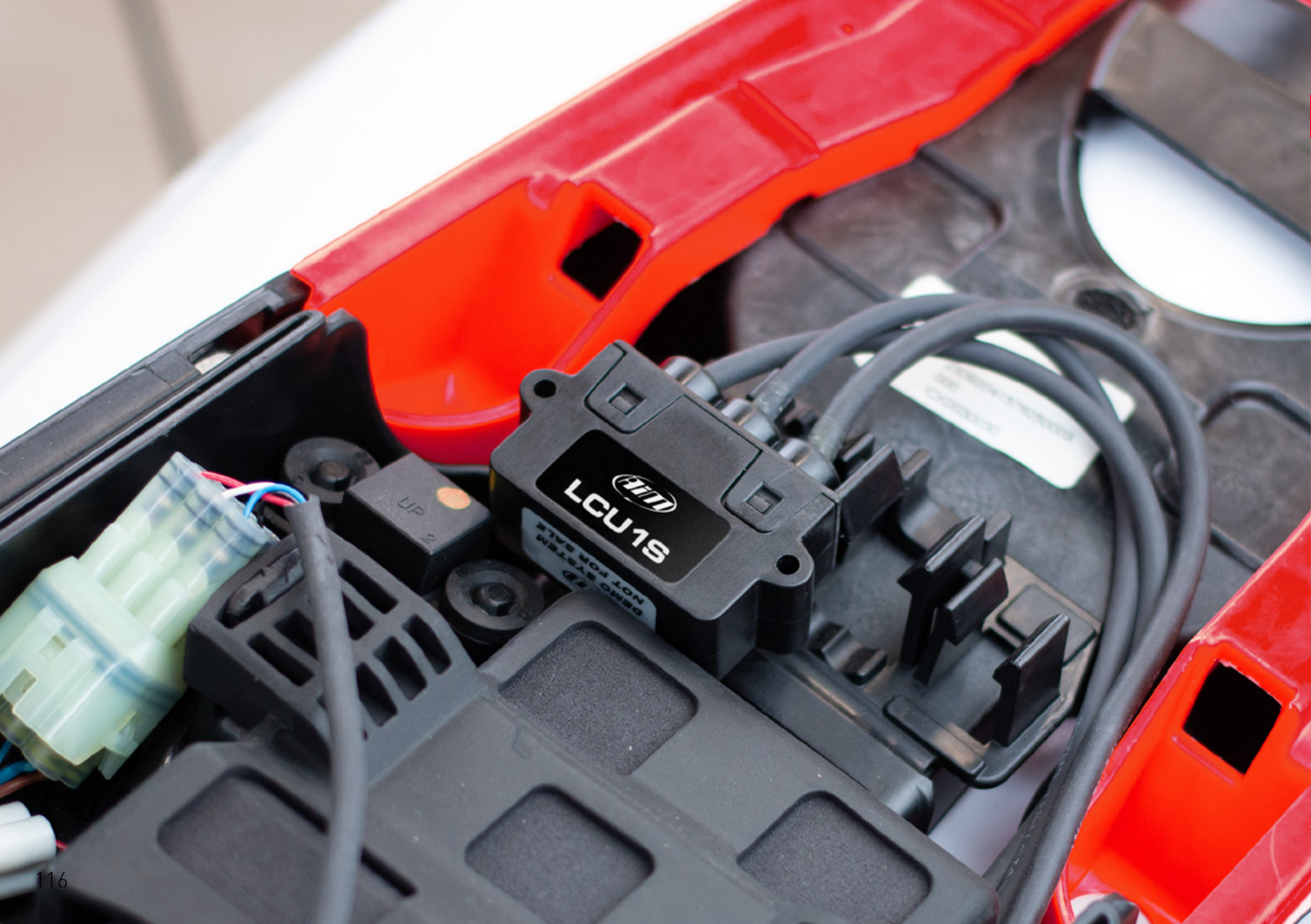
SMALLER, LIGHTER, FASTER.

Precision and reliability

LCU1S and **LCU2** accurately measure Lambda value from 0.65 to 1.6, ideal for precise engine tuning.
By analyzing oxygen levels, they detects carburetion issues and supports both 2-stroke and 4-stroke engines.
Configurable stoichiometric ratio enables use with petrol, diesel and alternative fuels.
With the new **LCU2** it's now possible to connect two Lambda probes, providing even more accurate monitoring and control.

Open versions

LCU1S and **LCU2** are also available in "Open Version" for transmitting the data via CAN to every system:
configuring the output is very flexible, by setting IDs, messages, baud rate and frequency.
The "Open Versions" can also be used as **AiM** Expansions, without any issues or limitations.


LCU1S
DEMO SYSTEM
NOT FOR SALE

	LCU1S	LCU1S Open	LCU2	LCU2 Open
Sensor compatibility	Bosch LSU 4.9			
Power supply voltage	9÷15 V			
Power supply current	50 mA + sensor heater current typical 750 mA up to 2 A on cold sensor			
Connection	AiM CAN 5 pins Binder 712	USB CAN 7 pins Binder 712	AiM CAN 5 pins Binder 712	USB CAN 7 pins Binder 712
Materials	Latigloss 57			
Dimensions	43.4 x 30 x 18.4 mm		65.0 x 34.8 x 18.4 mm	
Weight	70 g		74 g	
Waterproof	IP67			

Keypad series

The CAN-Bus keypads

K6, **K8** and **K15** are the AiM compact keypads based on CAN protocol.
They are completely customizable and proposed with a wide range of interchangeable inserts.
Configurable via USB fast and easy.

These rugged keypads are water and dust resistant and can be installed both inside and outside the cockpit.

COMPACT,
FULLY CUSTOMIZABLE,
WATER AND DUST PROOF.

- Off
- Red
- Green
- Amber
- Blue
- Magenta
- Cyan
- White

Customized experience

Each pushbutton can be configured in multi-status, momentary or toggle mode; these last two may also be time dependent.
Every pushbutton has an associated RGB LED, enlightened for night time use or even as feedback after having required an action: you may choose the colour depending on a single status and the logic for turning it ON.

In addition the RGB LEDs lights may be configured to be continuos, slow or fast blinking.
You can also configure every single LED to be turned ON in different colours following the conditions defined through the math channels.
All these features make the Keypad series devices customizable in every aspect.


0.0
130
121.0
0
RPM
6016
6020
6024
6020
0.2
04:26AM
PTP
MAIN
START STOP
N
FCY
Map
Launch

Open version

Keypad series is also available in "Open Version" for transmitting the data via CAN to every system: configuring the output is very flexible, by setting IDs,messages, baud rate and frequency.
Of course, the "Open Version" can also be used as an AiM Expansion, without any issues or limitations.

Technical specifications

	K KEYPADS	K OPEN KEYPADS
Pushbuttons	8 programmable keys (momentary, toggle, multistatus)	
Backlight	RGB with dimming option	
Connection	AiM CAN 5 pins Binder 712	USB CAN 7 pins Binder 712
Materials	Rubber silicon and PA6 GS30% reinforced	
Dimensions	127.4 x 71.4 x 24 mm	
Weight	150 g	
Waterproof	IP67	

OPEN

AiM technology,
available for everyone.

GPS09c OPEN

ACC3 OPEN

The **OPEN systems** are **AiM** proposal for having free configurable devices that can be connected, via CAN, to every dash, logger and external device.

LCU1S OPEN

LCU2 NEW OPEN

Keypad series OPEN

Configuration

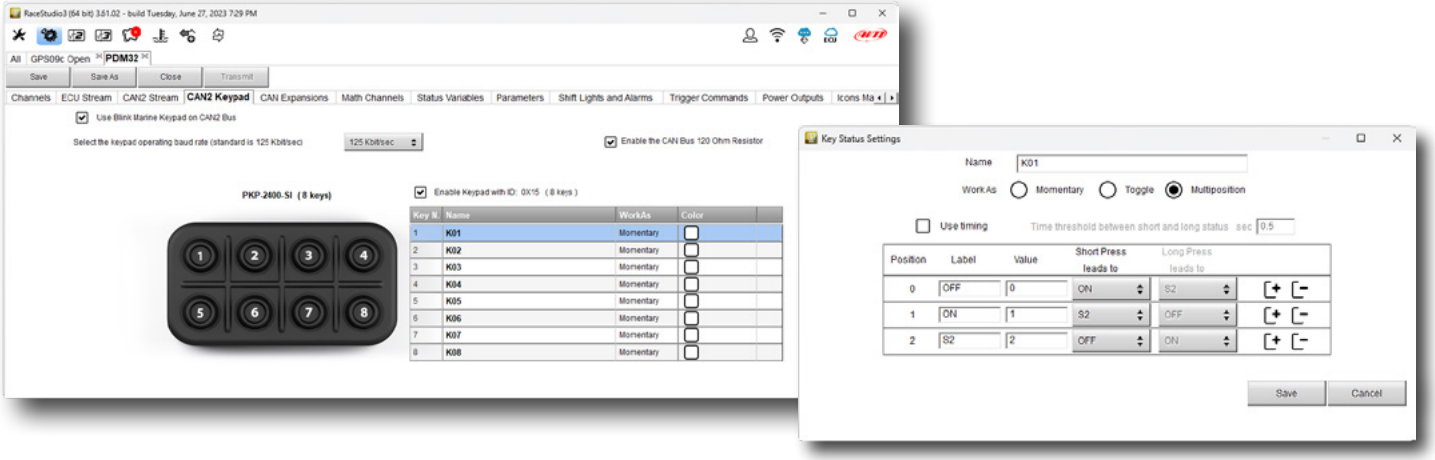
Every **OPEN** device features a 7 pins connector to be connected to a PC via a dedicated USB cable.

OPEN 7 pins connector

Dedicated USB cable

RaceStudio 3 software

With **AiM RaceStudio 3** software devices and the CAN messages can be easily configured.



All **OPEN** devices are available both for:

AIM CONNECTION
OPEN MODE CONNECTION

Remove the USB cable and use the CAN cable for connecting the device to a CAN network.

ECLIPSE

ACCURATE

RESISTANT

LIGHTWEIGHT

Key features

- **Accuracy <+/- 0.5%**
- **Repeatability ≤ 0.01 mm**
- **Operational speed ≤ 10 m/s**
- **Mechanical life >25 million cycles**
- **Output signal 500mV/0 - 4500mV/ full range**
- **Temperature working range from -30°C to +100°C**
- **Waterproof IP65**

Linear potentiometer series

Eclipse series, the new line of linear potentiometers, is born from the AiM experience acquired in the Motorsports world to cover the needs of the racing industry.
Easy to install, our linear position sensors offer great performances in terms of accuracy, repeatability and life expectancy.
The continuous research to provide the best solutions for our demanding customers lead us to a new concept of sensors.

Advanced materials

Housing is in fiberglass, a material that features excellent resistance to mechanical stress and thermal changes, outstanding capacity as electric insulator, flame resistance and self-extinguishing, a perfect material for linear potentiometer purpose.
The shaft, normally made of steel, is now made in extruded carbon fiber. This combination guarantees lightness and resistance at one time.

Custom made range

Eclipse series is proposed in a wide travel range to meet most requirements.
AiM Eclipse linear potentiometer end has M4x0.7 mm male thread on both ends.
Quick release balljoint or rod end bearing, free wires or AiM compatible connectors, all combination available for the best mounting on any vehicle.

Potentiometer travel	
50 mm	175 mm
75 mm	200 mm
100 mm	225 mm
125 mm	250 mm
150 mm	

Inductive & Contactless

Thanks to the Inductive Contactless Technology, **AiM Eclipse** series provides unmatched wear resistance; no contact means minimum wear and tear. Therefore no performance degradation during his life cycle.

Quick release balljoint

Rod end


ECLIPSE

	ECLIPSE SENSORS
Supply voltage	Vref 5 Vdc
Signal output	500mV/ 0 - 4500mV/ full range
Repeatability	≤ 0.01 mm
Operational speed	≤ 10 m/s
Mechanical life	>25 million cycles
Independent linearity	≤±0.5%
Temperature working range	-30°C to +100°C
Housing	Glass fiber
Shaft	Carbon fiber
Weight	20÷40 g
Cable type	Raychem 55M 26 AWG Viton Sleeve
Cable length	500 mm
Waterproof	IP65

Pressure+Temperature Sensors

Two sensors, one installation

The AiM Temperature + Pressure sensor combines in a single device the detection of both physical properties of the fluid (Oil, Air, Brake fluid, Fuel).

Key features

- **Accuracy < ± 1% FS / <+/- 0.5%**
- **Output signal 0.5V to 4.5 V**
- **Temperature working range from -20° to 135°C**
- **Compensated temperature range from -10°C to 125°C**
- **Supply 8-16V**
- **Consumption <10 mA**
- **Housing 316 stainless steel**
- **Sensor thread M10x1 or 1/8" NPT - 3/8 24**
- **Cable length 500 mm**

The installation is simplified by using a single sensor for both functions. Temperature can be monitored, through pressure port when the specific one isn't available.
Sensor has been designed to work in harsh motorsport environment (vibrations, shocks and high temperatures) with high reliability.

Wirings

Cabling is available with:

- Free wires
- Two 719 4C male binder connectors for AIM loggers

Available process connections:

- M10X1 MALE
- 1/8 NPT MALE
- 3/8-24 UNF DASH 3

Pressure ranges offered in both bar and PSI.

BAR	PSI
0-5	0-15
0-10	0-50
0-100	0-150
0-160	0-300
0-200	0-2000

Technical specifications

	Combined Sensors
Temperatue sensors	PT100 thermo-resistor
Supply	8-16V
Output signal	0.5V to 4.5 V
Power Consumption	<10 mA
Temperature Working Range	from -20° to 135°C
Compensated Temperature Range	-10°C to 125°C
Accuracy	<+/- 0.5% FS (CLNH combined non-linearity and hysteresis)
Overrange Pressure	1.5x rated pressure
Burst Pressure	3x rated pressure
Sealing	IP66
Housing	AISI 316 stainless steel
Tightening torque	30 g
Cable length	500 mm
Supply	9-15 V dc
Pressure sensor output signal	500 mV (0 Bar/PSI) – 4.500 mV (Full scale)

Pressure Sensors

A full range of reliable sensors

Engineered for full compatibility with AIM data loggers, our sensors deliver accurate, reliable data in the harshest motorsport conditions.

Key features

- **Accuracy <+/- 0.5%**
- **Output signal 0.5V to 4.5 V**
- **Temperature working range from -20° to 135°C**
- **Compensated temperature range from -10°C to 125°C**
- **Overrange pressure 1.5x rated pressure**
- **Burst pressure 3x rated pressure**
- **Sealing IP66**
- **Supply 8-16V**
- **Consumption <10 mA**
- **Housing 316 stainless steel**
- **Sensor thread M10x1 or 1/8" NPT**
- **Cable length 500 mm**

They monitor critical parameters like engine, water/oil, and tire temperatures, as well as oil and brake pressures. Brake pressure, combined with G-force data, helps evaluate braking performance and driver input.

Developed for Motorsports applications, featuring:

- **Compact size (hex19 or 3/4")**
- **High accuracy**
- **Robust design**

Essential for monitoring key parameters such as:

- **Engine oil pressure**
- **Brake fluid pressure**

Available process connections:

- **M10X1 MALE**
- **1/8 NPT MALE**
- **3/8-24 UNF DASH 3**

Pressure ranges offered in both bar and PSI.

BAR	PSI
0-5	0-15
0-10	0-50
0-100	0-150
0-160	0-300
0-200	0-2000

Technical specifications

	Pressure Sensors
Supply	9-15V
Output signal	0.5V to 4.5 V
Power Consumption	<10 mA
Temperature Working Range	from -20° to 135°C
Compensated Temperature Range	-10°C to 125°C
Accuracy	<+/- 0.5% FS (CLNH combined non-linearity and hysteresis)
Overrange Pressure	1.5x rated pressure
Burst Pressure	3x rated pressure
Sealing	IP66
Housing	316 stainless steel
Weight	30 g
Cable length	500 mm

IBTS

Infrared Belt Temperature System

A simple and reliable way for monitoring the temperature of the transmission belt of your UTV.

Key features

- RGB LED Alert: The LED starts blinking red when temperature exceeds the user defined level
- Anti-Glare TFT Display, sunlight readable
- Vibration proof
- Aluminum Body
- Metallic pushbutton
- Single point sensor
- Dimensions: Ø 70 x 30.3 mm
- Weight: 150 g
- Waterproof : IP65

Because of the harsh conditions found on any off-road course, UTV racing puts extreme stress on every component of your vehicle. The transmission belt is no exception: if it reaches critical operating temperatures and isn't properly monitored, it can fail and take you out of the race.
Infrared Belt Temperature System is a simple and reliable way for monitoring the temperature of the transmission belt of your UTV.

You can’t do without it anymore

Forget about breakages, stop to be worried and just enjoy the race: that’s our gauge’s purpose, which makes it the most “must have” device for your UTV activities!

The kit is composed by a gauge, a sensor and the power cable.
Infrared Belt Temperature System is the AiM device that shows an avarage temperature information of a specific controlled area.

Technical specifications

	IBTS
Display Resolution	160 x 128 pixels
Display	1.8”, Anti-Glare, Sunlight Readable
Alarm LEDs	RGB LED
Body	Anodized Aluminium
Pushbuttons	Metallic
Dimensions	Ø 70 x 30.3 mm
Weight	150 g
Waterproof	IP65

Partnerships

As a world leader in Motorsports racing application, **AiM** is proud to be an integral part of shared projects with the most important companies in the automotive and Motorsports sectors. **AiM** is choosen by its partners for one reason: it brings value to the projects which it is involved in, thanks to its technical know-how recognized worldwide since over thirty years.
AiM means reliability, fairness and very high technological value, for OEM projects too, and much more.

CIV CAMPIONATO ITALIANO VELOCITÀ

OFFICIAL SUPPLIER

Engine Control Unit

MOTO 3 AND PRE MOTO 3


SF
PTP
PIT
RAIN
OIL
FUNC
CAL
N
9.99 DELTA %
01:35:35 LAP TIME UOM
99 LAP udm
225 LABEL KM/H
9.99 FUEL L
driver name
CIRCUITO INTERNAZIONALE DEL MUGELLO
23.02.2020 11:35 AM
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