

Introducing The SmartyCam 3

'SPORT' - The Ultimate Motorsport Camera
Specifically Designed for Karting and Club Racing



Host:

Roger Caddell

AiM Sports - National Training Manager



Co-Host:

Fabrizio Rizzi

AiM Sportline - Head of Hardware Development



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Tuesday May 24th, 2022

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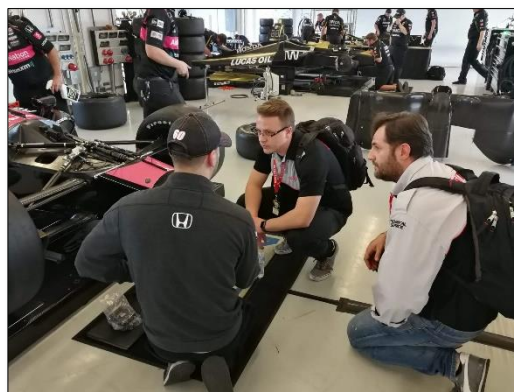


Fabrizio Rizzi

Fabrizio.Rizzi@aim-sportline.com



- Currently is the Head of Hardware Development for AiM Sportline in Italy. He has worked for AiM Sportline since 2014
- Career started in 1999 as a firmware developer for microcontrollers. A couple of years later he also started hardware development of the board where the microcontrollers were mounted
- 4 Time AiM Webinar Co-Host!



Fabrizio Rizzi

Head of Hardware Development



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SmartyCam 3 Family



**SMARTY
CAM3**

RANGE

- New HW Platform Shared for all Devices
- Many FW and SW Functionalities Common on all Cameras



Introducing the SmartyCam 3 Sport

SmartyCam 3 Family



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SC2 Compact vs SC3 Sport

- Higher Resolution
- Smaller Size and Weight
- New Door with Superfast Lock/Unlock System
- Improved Functionalities
- Designed also for Easy Kart Installation



Introducing the SmartyCam 3 Sport

SC2 Compact vs SC3 Sport

SC3 Sport Highlights

Wide Global Shutter CMOS sensor

The best way to avoid wave effects due to strong vibrations.

Full HD images

1920 x 1080 resolution, at 30 fps.

Completely waterproof

Designed to be used in the hardest environments: water, dust, temperatures are not a problem.

Sapphire frontal glass

The strongest glass for facing all the high speed impacts with pebbles, insects, dust that usually happen in a race.

A lot of graphic controls

Choose your preferred layout to keep your data under control.

Auto start/stop recording

No need to think about the camera while ready at the starting line.

Automatic track selection

SmartyCam 3 automatically selects the right track in its database, in order to easily draw it and calculate lap number, lap times and rolling times.

Video and data in the same file

Your video and the most important data in the same MP4 file.

Automatic data and video synchronization

In case the data in the MP4 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.

Introducing the SmartyCam 3 Sport

SC3 Sport Highlights

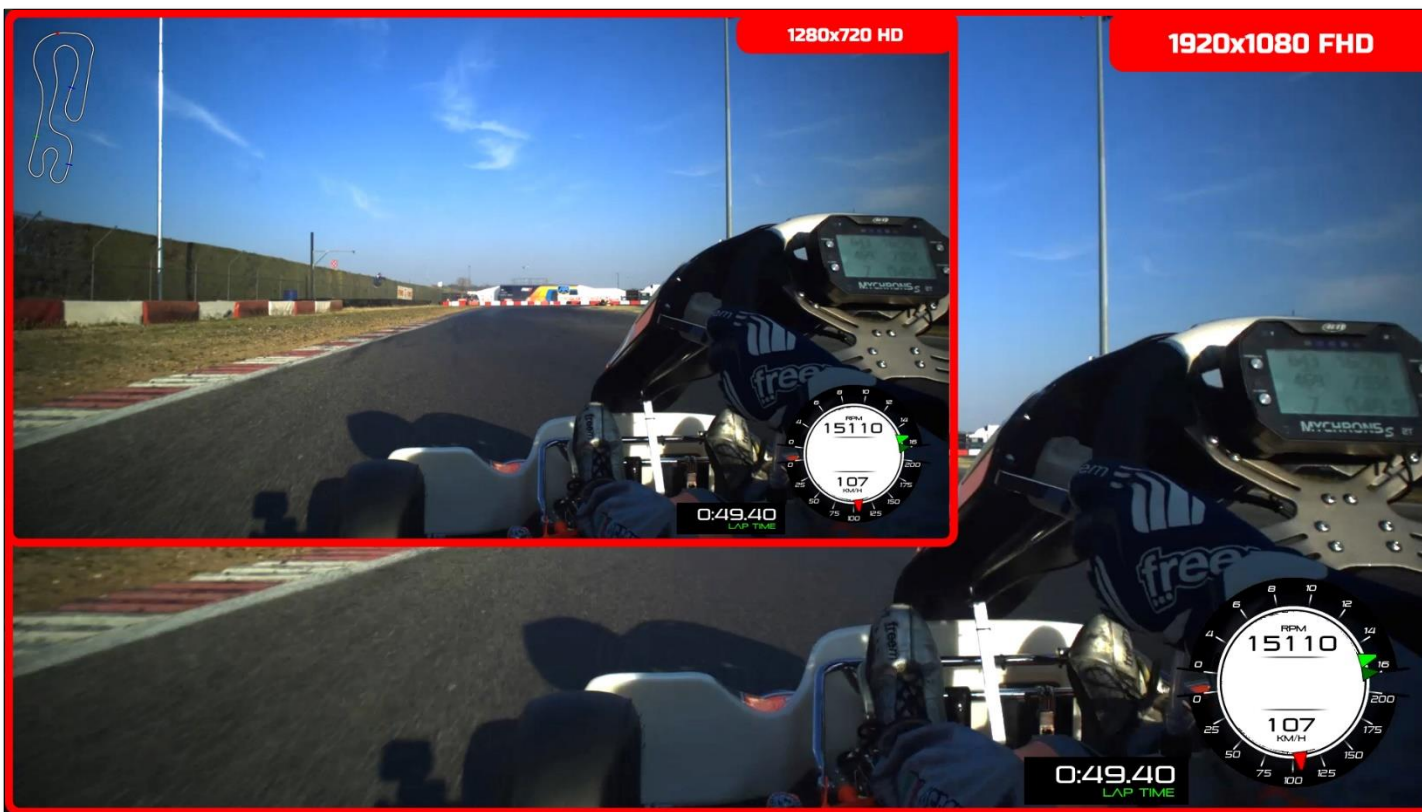


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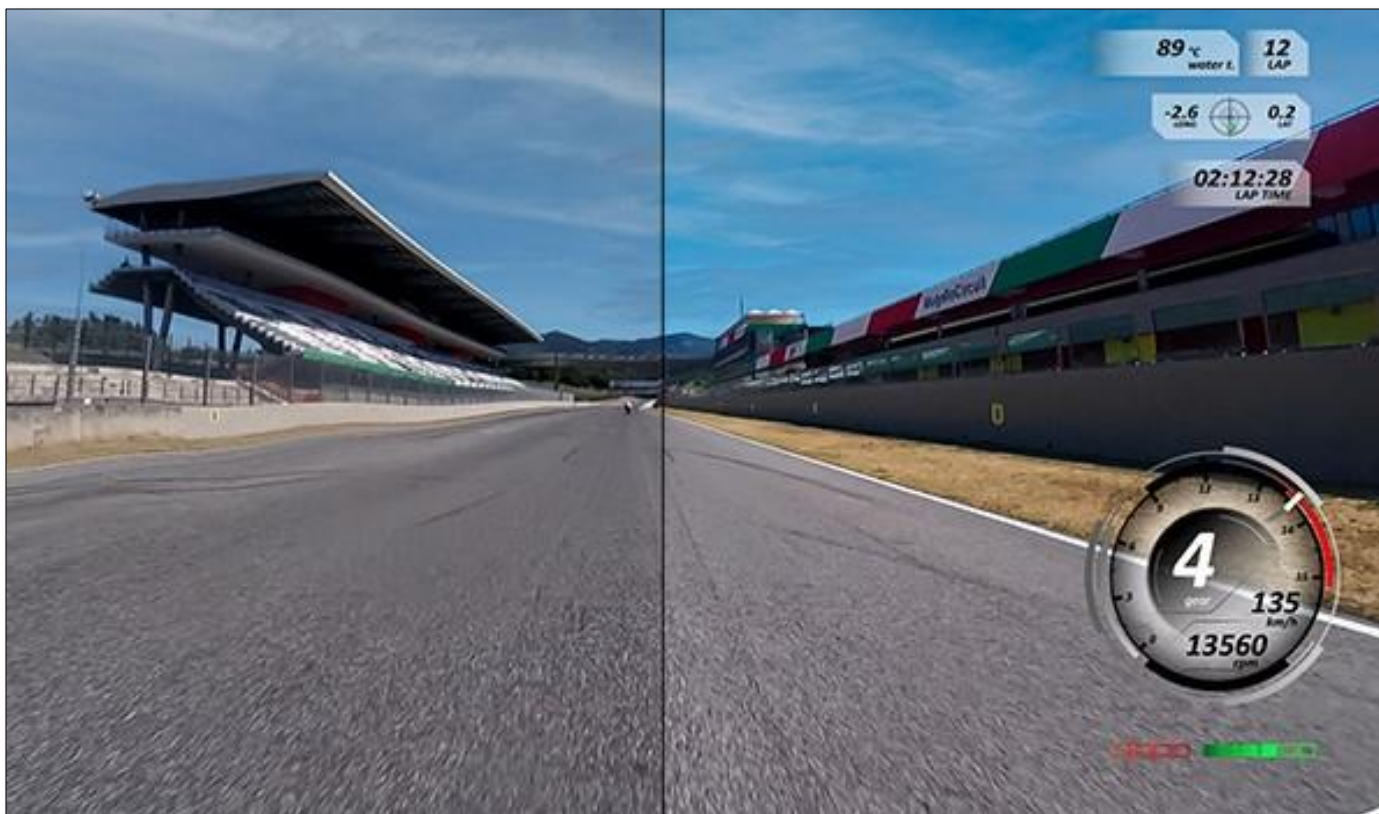
SC3 Sport Video Highlights

- Improved Resolution at FULL HD 30fps
- More Details
- Better Video Quality



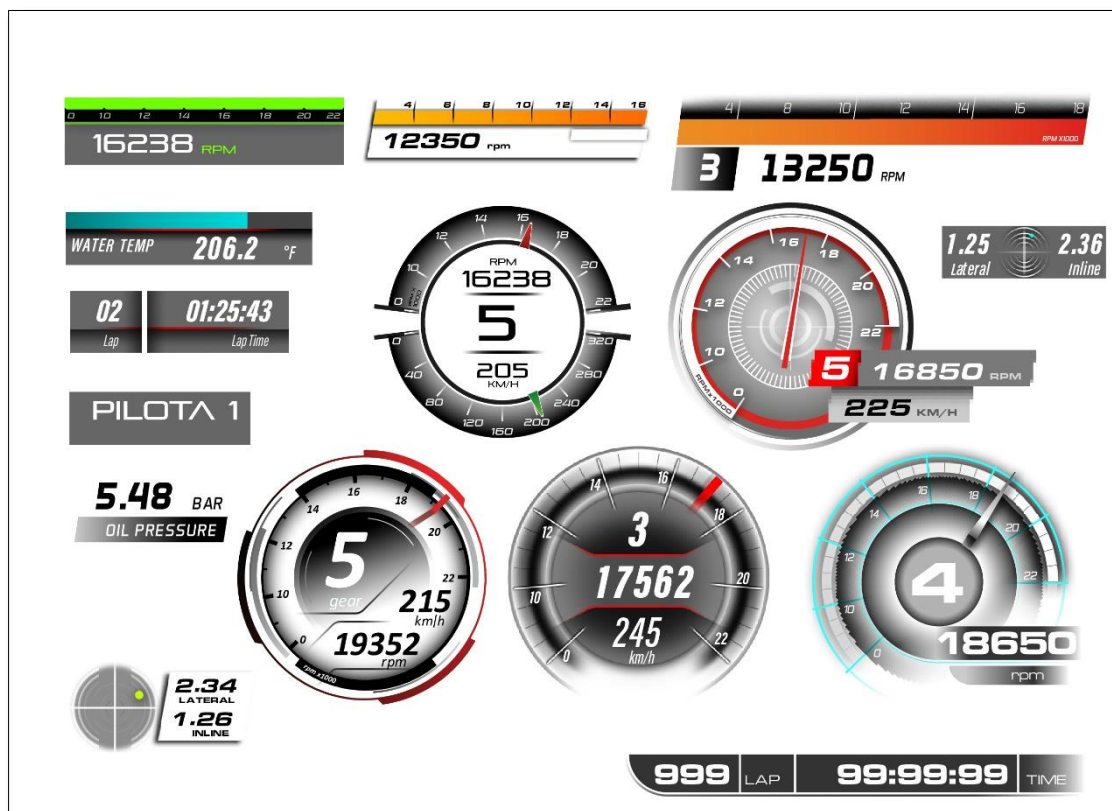
SC3 Sport Global Rolling Shutter

- Native Full HD Global Shutter Sensor
- No Wave Effect like Rolling Shutter



SC3 Sport Graphics

- Added new Widgets and Sets
- Higher Resolution
- More Effects and Better Management of Graphics



Introducing the SmartyCam 3 Sport

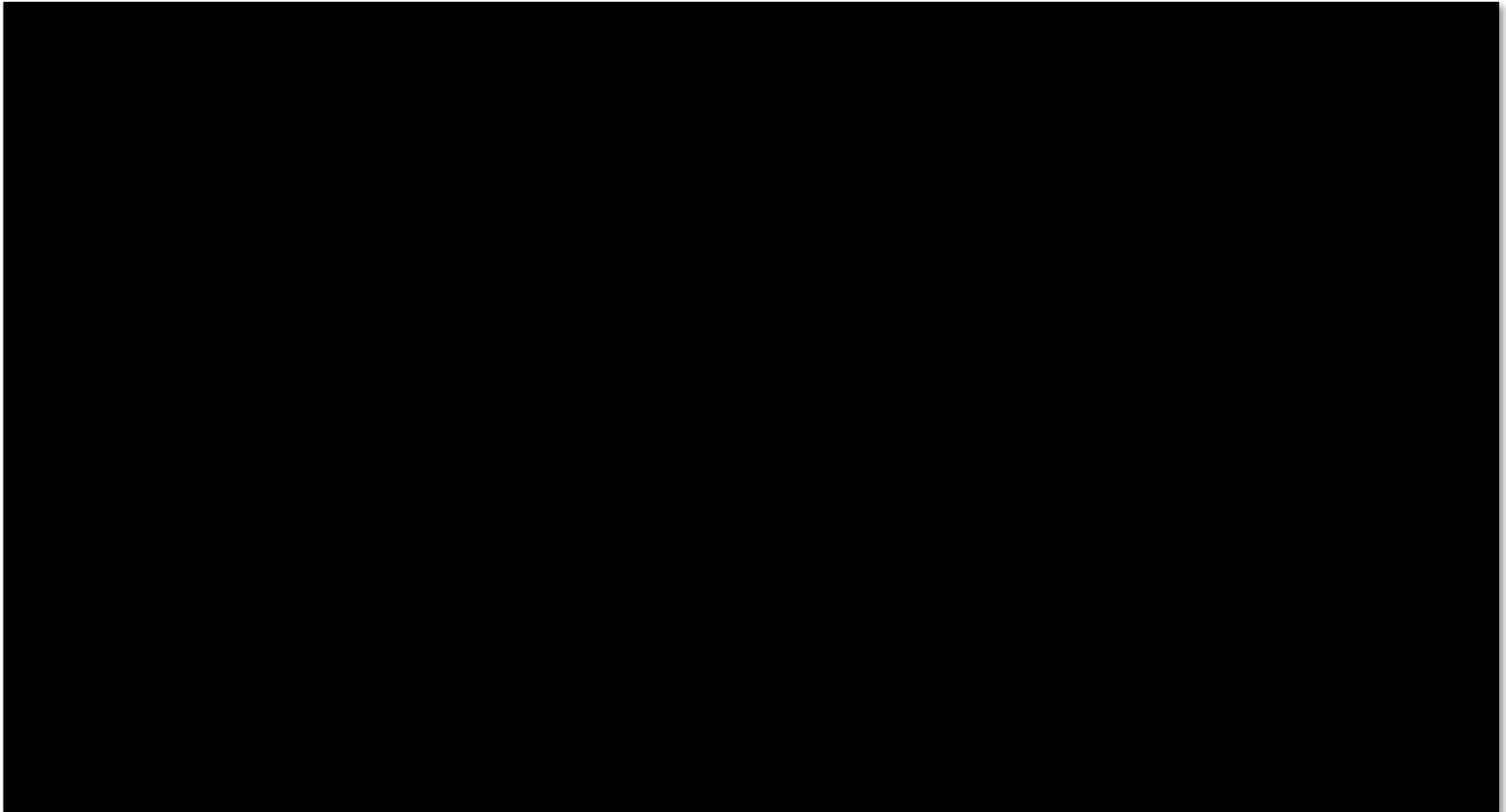
SC3 Sport Graphics

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Creating Graphics on the SC3 Sport



SC3 Sport MicroSD Door

- Completely Redesigned SD Door
- New Fast Lock/Unlock System
- All IP65



Introducing the SmartyCam 3 Sport

SC3 Sport MicroSD Door

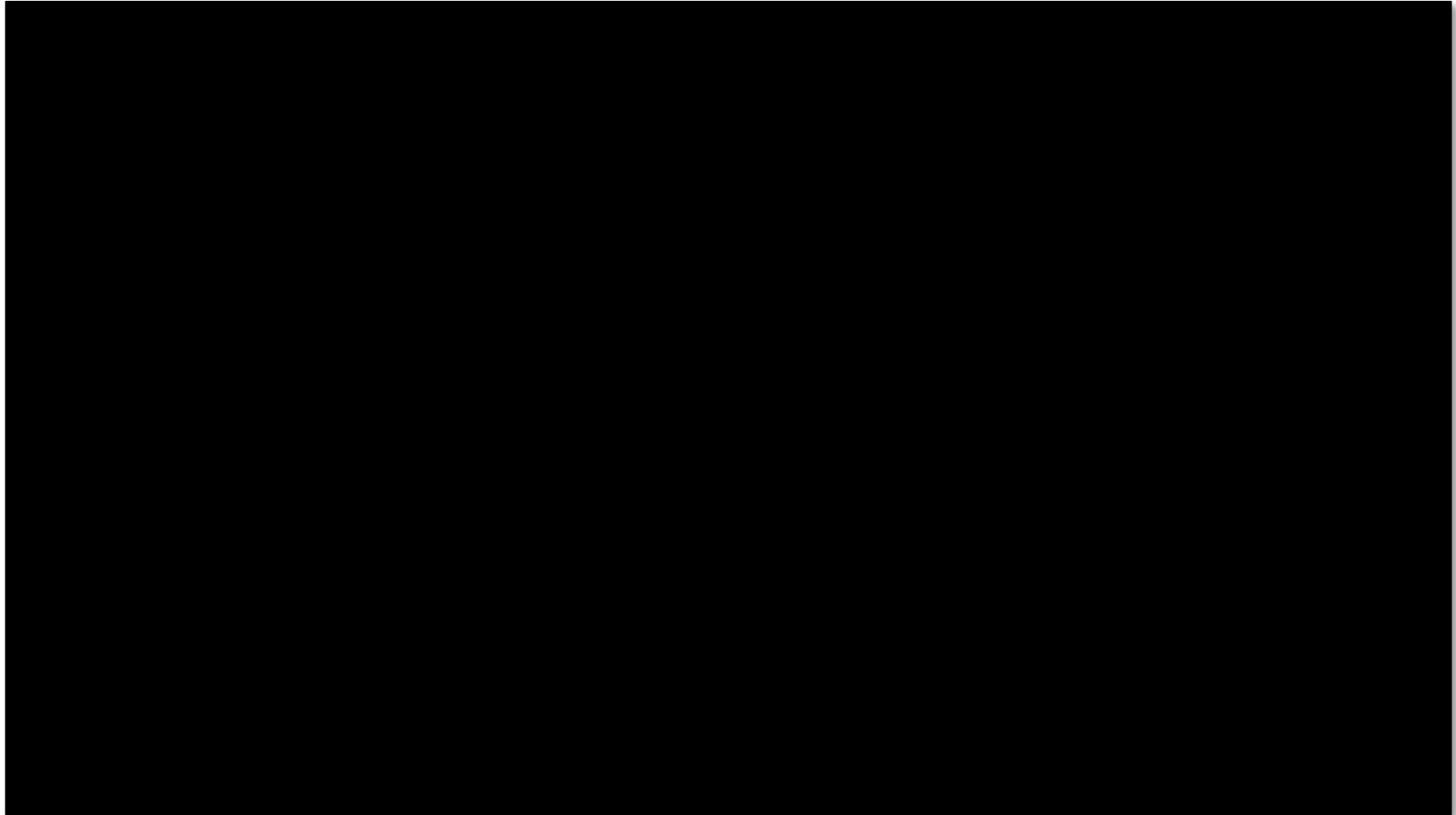


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SC3 Sport MicroSD Door



SC3 Sport Technical Details

- Improved Data Management in Video File
- Data Acquired at their Native Frequency from CAN
- Compatible to AIM CAN stream, OUT of the BOX
- CAN Stream Completely Configurable from Race Studio 3 (RS3)
- User can Import CAN Stream Directly from Master in RS3
- Auto Start Recording Trigger Selectable from RS3
- 67° and 84° FOV Lens
- Sapphire Glass Protection to Ensure High Resistance on Shock
- FAT32 and exFAT Compatible for High Dimension of Video Stream
- Support SD Capacity up to 2TB
- New Widgets and Graphic Sets Coming



Introducing the SmartyCam 3 Sport

SC3 Sport Technical Details

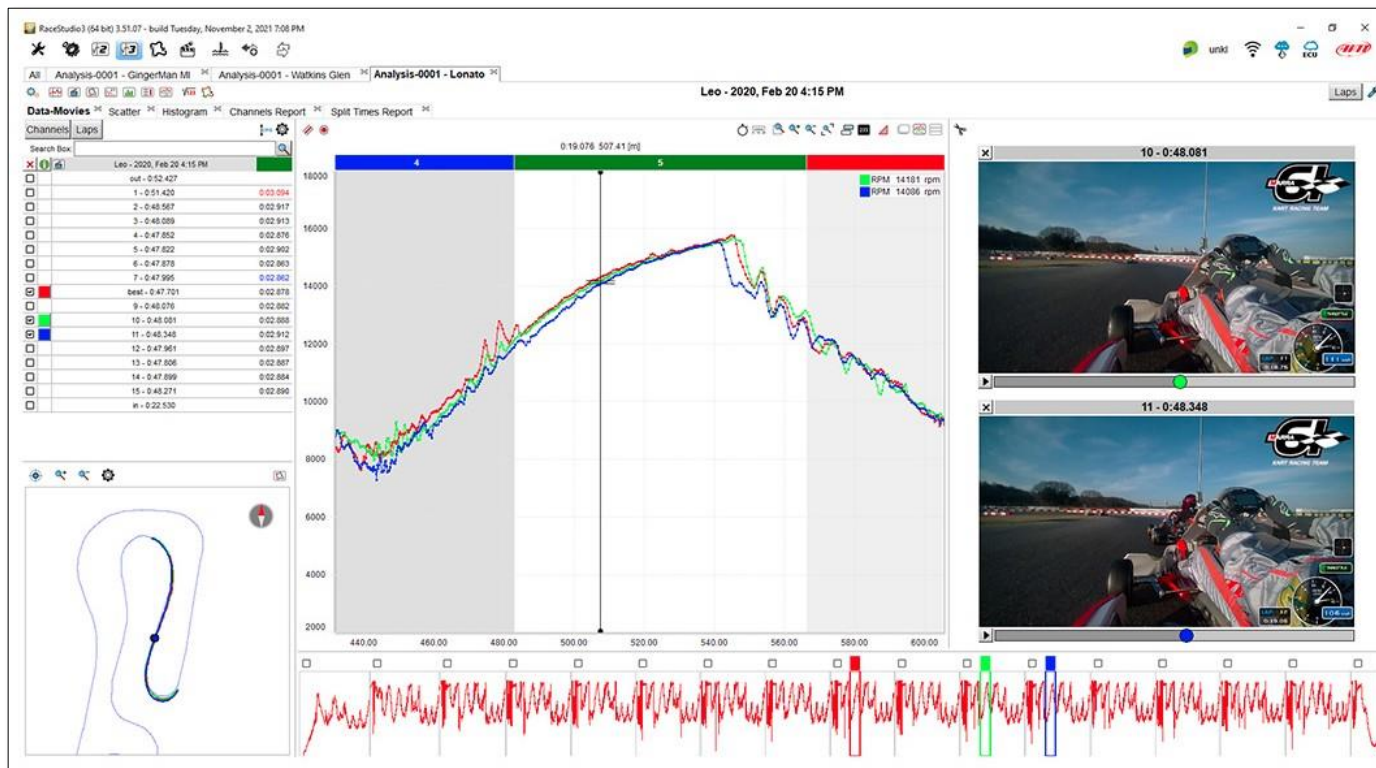


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SC3 Sport Lap Viewing

- Video of a Full Session can now be Split into Individual Videos of each Lap: so that you can Simultaneously Watch Two of Them and Check Where you were Faster or Slower
- The Same Operation can be Performed with a SmartyCam 3 SPORT Video Recorded on the Same Track
- You will be able to Compare your Best Lap with Your Friends Personal Best!



Introducing the SmartyCam 3 Sport

SC3 Sport Lap Viewing

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SC3 Sport Mounting

- Completely Compatible with Existing Mounting Systems



Introducing the SmartyCam 3 Sport

SC3 Sport Mounting

LearnFast™ E-Training Videos



Currently **209** Videos and Growing

YouTube www.youtube.com/aimdata

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Co-Host:
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Test Database
Settings and Tips for the Best Use of This R3SA Function



Host:
Roger Caddell
AIM Sports - National Training Manager

Co-Host:
Emiliano Rina
AIM Sportline - Software Development

aimsports.com Tuesday May 17th, 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

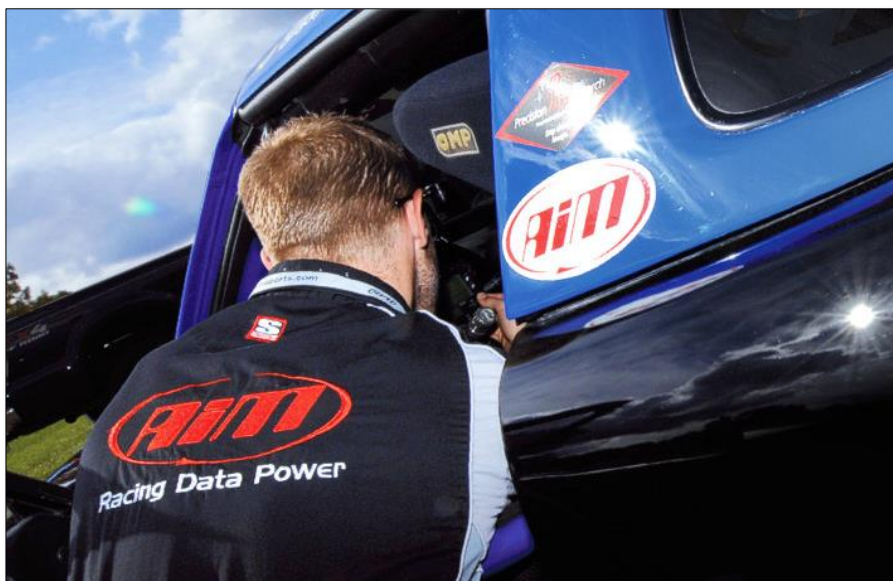
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Customer Support



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!

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

Motorcycle Data Analysis

Optimizing the Gear Ratios at a New Track



Host:

Roger Caddell

AiM Sports - National Training Manager

Co-Host:

Chloé Lerin

MotoAmerica Data Engineer

Next Webinar: Tuesday May 31st, 2022 - 10:00am Pac/1:00pm East

Next Webinar

Optimizing Gear Ratios at a New Track

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Contact Information



Host:

Roger Caddell

AiM Sports - National Training Manager
roger@aimsports.com



Co-Host:

Fabrizio Rizzi

AiM Sportline - Head of Hardware Development
fabrizio.rizzi@aim-sportline.com



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Tuesday May 31st, 2021

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