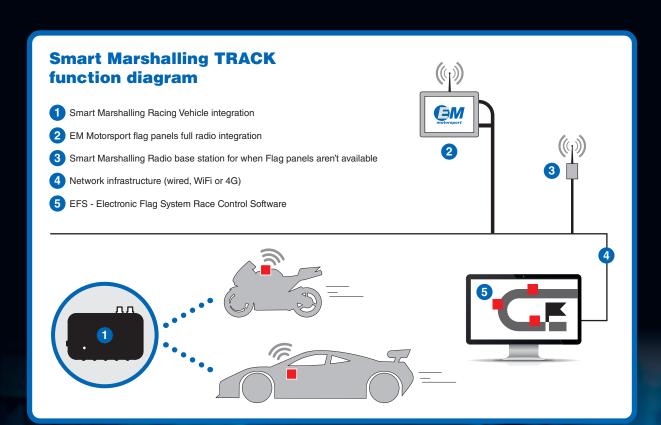




Smart Marshalling TRACK







Smart Marshalling TRACK, together with EMM Flag Panels, Info Panels and Starting Light solutions, can be run through the Electronic Flag System (EFS), an all-in-one management software for all circuit events, whether they are races or track day activities.

With the **EFS**, marshals can signal drivers with any flag, be it a specific sector, track status or custom, using EMM Flag Panels and Info Panels along the track with the **Smart Marshalling TRACK** LEDs inside the car.

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Main Features

- Internal 3 axis 16G accelerometer
- · GPS receiver
- CAN bus interface
- CAN logging capability
- 4GB of logging memory
- Internal battery up to 8 hours
- Logging of data at up to 10Hz
- Real-time clock provides time stamping of data
- Wi-Fi network interface
- Bluetooth capable
- Multi-colour LED status indicator
- ISM Sub GHz band radio communication
- Fully integrated with EM Motorsport EFS software

Radio messages

From vehicle

- GPS position
- GPS status
- GPS speed
- · Battery level
- · Radio quality
- ASI (Accident Severity Index)

To vehicle

- Track sector flags (Yellow, Double Yellow)
- Track status (SC, FCY, SZ, VSC, Code 60)
- Session suspended
- Custom flags (Blue, Black, Black/White, Black/Orange)

Technical Overview

Environmental

Operating temp (internal)
Ingress Protection
Voltage input supply
-15 to + 85°c
IP66
8 to 19 VDC

Accelerometer

Axis 3Range 100 gSample rate 5 KHz

Interface

BluetoothWiFi2.4 GHz

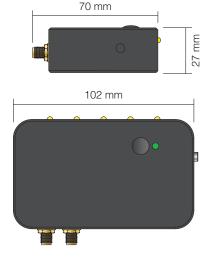
Mechanical

Size(max)
Weight
Connector (Charging/Power)
Connector (GPS) - Optional
Connector (Radio)
MA female
SMA female

GPS receiver

Rate
Band
10 Hz
L1 (+ SBAS)

Size



Battery

On Power time 8 Hours
Type LiPo
Specification 3000mAh
Charging time (3.15A charger) 1.5 Hours

Smart Marshalling TRACK can be installed on up to 165 cars during the same event and can manage up to 65 cars on track at the same time.

