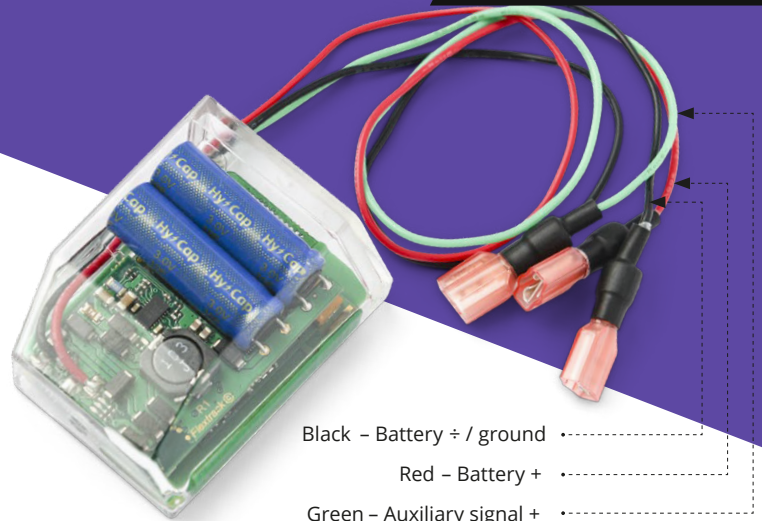# plant•eye

Quick Start Guide
Plant-Eye 9B23

Black – Battery ÷ / ground
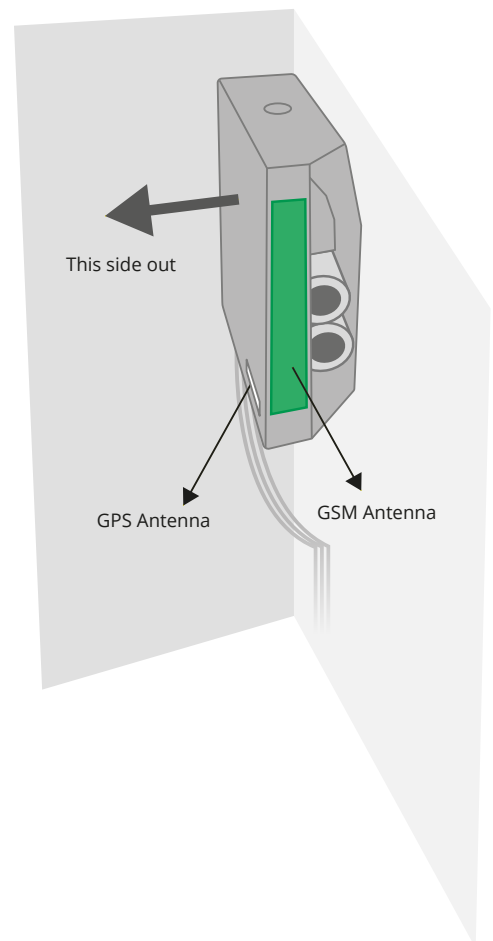
Red – Battery +

Green – Auxiliary signal +

Installation

Plant-Eye is connected to the battery of the vehicle or asset:
• Red wire to battery +
• Black wire to battery ÷
• The green wire can be connected for registering input
   from auxiliary input (optional).

Power supply: Min. 4 V, Max. 40 V.

In order to ensure the best possible GSM and GPS reception, Plant-Eye should always be placed, so the side with the product label and the thin edge is facing outwards.

This side out

GPS Antenna

GSM Antenna

Wire protection

In order to ensure long lasting functionality and maintain the product warranty, all wire connections must be protected against water and moisture.

For technical questions, please contact Fleet Eye Support
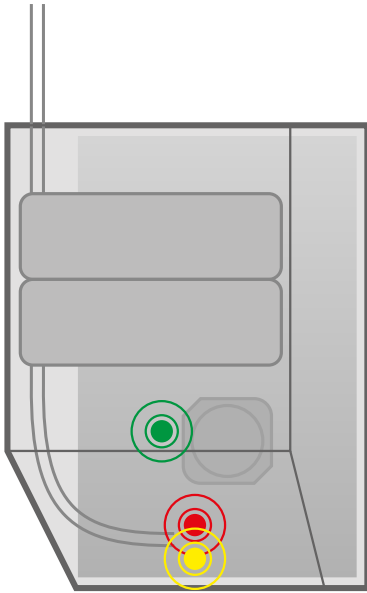**support@fleet-eye.com**

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Testing
- When Plant-Eye is active, the green LED will be on.
- When connected to a battery with sufficient power (min. 4 V), the red LED will be on.
- When a signal is registered on the auxiliary input, the yellow LED will be on.

Function
By measuring the battery current, Plant-Eye reacts on engine start/stop - both for 12V and 24V systems.

The built-in motion sensor also enables Plant-Eye to react and report when the machine is moved without engine start.

Reporting
Depending on the measured battery current and the auxiliary signal, Plant-Eye will switch between active and idle mode.

- Report interval when in active mode (the machine is running, or auxiliary signal is registered):
  Every 2 minutes.

- Report interval when in idle mode (the machine is stopped, and no auxiliary signal is registered):
  Every 24 hours.

- Report interval when in idle mode, if movement is detected:
  Every 2 minutes.

Included in every report, an hour-counter for both active mode and auxiliary input (4 – 40 V), are sent to the server.

Alarms:
- Triggered by signal on auxiliary input
- Triggered by movement when the machine is turned off.

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