



INTELLIGENT ALCOHOL DETECTION & CLOUD-CONNECTED VEHICLE SAFETY SYSTEM

Drive Responsibly. Monitor Intelligently.



SoberDrive is a next-generation breathalyser system designed to enhance road safety through accurate alcohol detection and seamless data integration. Whether for corporate fleets, legal compliance, or community rehabilitation, **SoberDrive** provides a smart, reliable, and auditable solution for monitoring driver sobriety.

FEATURES



Smart Cloud Platform

- Automatic, secure cloud upload of test data
- Supports HTTP privatised protocols for data protection
- Integrates with third-party and government systems (JT/T 808-2019)
- Built-in data export function for easy reporting, analysis, and compliance



Precision Fuel Cell Sensor

- Highly accurate alcohol readings from 0.00% to 4.00%
- $\pm 0.05\%$ margin of error
- Results in 5 seconds



Robust, User-Friendly Design

- Lightweight (275 g) and durable (-10 °C ~ 50 °C)
- Bright, responsive capacitive touch screen
- Powered by Android 10



Facial Recording for Traceability

- Integrated 5MP camera
- Captures user during each test
- Ensures full accountability, traceability, and an audit trail



Optional Alcohol Interlock

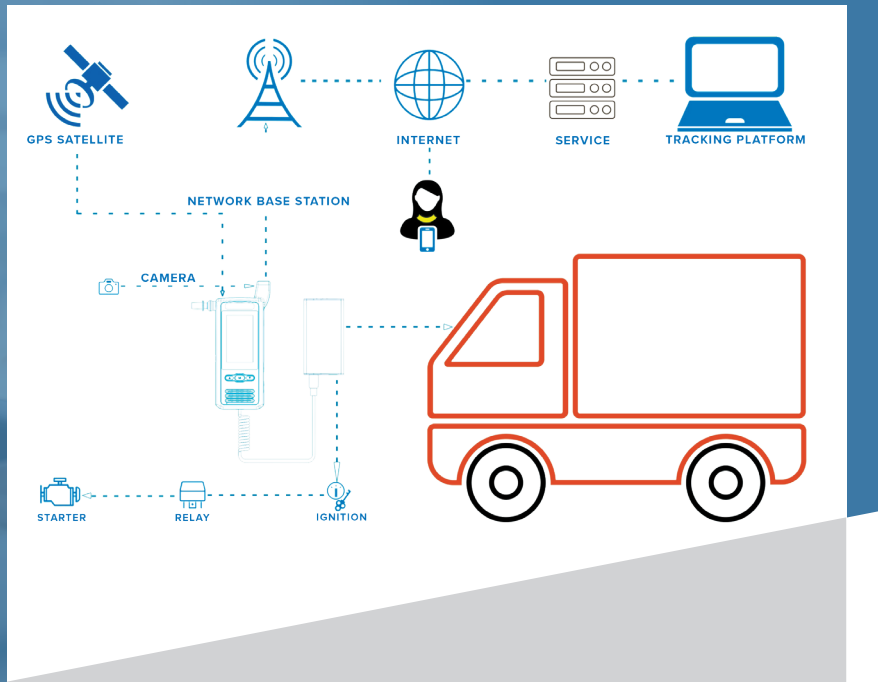
- Prevents ignition if alcohol is detected
- Ideal for fleets and rehabilitation programs



Live GPS Tracking

- Dual mode, realtime GPS/Beidou positioning
- Suitable for fleet and mobile monitoring





SPECIFICATIONS: SBD-306

- **Power:** Onboard power supply, wide voltage 9 - 36 VDC
- **Size:** 167 x 67 x 30 mm
- **Sensor:** Fuel cell sensor
- **Calibration cycle:** 2 000 times or one year
- **Blowing time:** 5 seconds
- **Blowing flow rate:** 10 L/min
- **Measurement range:** 0-4.00%
- **Error value:** 0.50% at ± 0.05%
- **Working temperature:** -10 °C to +50 °C
- **Storage temperature:** -20 °C to +65 °C
- Alarm points and units can be set
- **Operating system:** Android 10
- **Camera:** 5 megapixel with built-in fill light
- **Face comparison:** Supports local facial recognition algorithms and offline facial recognition algorithms
- **Local information:** GPS/Beidou dual mode positioning
- **Display screen:** RGB 480 x 854 capacitive touch screen
- **Weight:** Approximately 275 g
- **Communication:**
 3G – WCDMA: B1/B8
 4G – LTE FDD: B1/B3/B5/B7/B8/B20
 4G – LTE TDD: B38/B40/B41
 WiFi: 2402- 2482 MHz
- **Extended application:** Optional alcohol interlock prevents vehicle use after drinking, suitable for fleet control and rehabilitation programs.

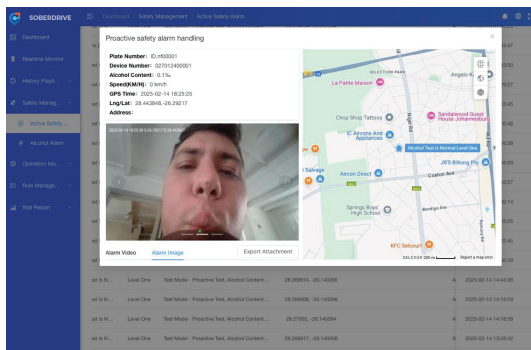
IDEAL APPLICATIONS

- Fleet and Logistics Management
- DUI Enforcement and Driver Monitoring
- Rehabilitation and Community Supervision
- Public Transport and Safety Compliance

WHAT'S INCLUDED

- SoberDrive Device
- 5 Breathable Mouthpieces
- Operating Instructions
- Protective Industrial Packaging

With facial recording, realtime tracking, and a smart cloud dashboard, **SoberDrive** is the complete solution for preventing impaired driving, ensuring compliance, and building trust through transparent, auditable records.



SOBERDRIVE PORTAL

The **SoberDrive** portal provides secure, realtime access to critical driver safety data, including detailed breathalyser test results, GPS locations, timestamps, and photos—all in one dashboard.



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