

PowerFleet® Essence

PowerFleet® Essence is the OEM-independent, intelligent fleet management solution for **small industrial truck fleets, such as forklifts**. It is designed to make warehouse, manufacturing, distribution, retail and construction environments safer. This easy to use system ensures that only authorized operators are allowed to use the equipment after having completed an electronic checklist and that impacts are recorded. PowerFleet® Essence is designed for simplicity: from simple installation to intuitive use and management. It delivers powerful results without consuming your time.



BENEFITS ... at a glance

- More safety for smaller fleets (+- 10 trucks)
- Increased operation accountability
- Reduced maintenance costs
- Intuitive use
- Manageable investment costs
- Easy installation, no IT involvement required
- OEM-independent

FEATURES

- Operator Console OC 53 with built-in display
 - **Access Control** (RFID-card or pin code)
 - **Electronic Safety Checklists**
 - **Impact Recording**
 - Start and turn on ignition via relay
 - Record, up-and download of key vehicle/operator data automatically
 - Easily installs on virtually any industrial vehicle (forklifts, tow tractors, etc.)
 - PowerFleet® Essence Control Center **App** for data management
 - **Bluetooth** communication between OC53 and App works out-of-the-box
 - Automatic data collection within 30 m
 - Rugged construction withstands harsh environmental conditions
 - Languages currently available: English, German, French, Spanish
- ... optionally with seat belt and seat switch sensor*



PowerFleet® Essence

SPECIFICATIONS	
Dimensions	103.5 x 89.5 x 46.5 mm
Operating Temperature Range	-40° to +80° C
Input Voltage:	9—60 VDC (converter for higher voltages available)
Power Consumption:	450mA (active mode), 2mA (sleep mode)
Back-up Battery Life:	5 years
Memory:	1MB ash
Display Technology:	Color TFT
Display Dimensions:	92mm X 100mm X 55mm
Display Resolution:	320 x 240 pixels
Status LEDs:	1
Keys (numeric):	5 (10/2); (other): Start / Stop (power on)
PIN:	Y
Proximity:	HID: optional
Analog Inputs/ Analog Outputs:	0 / 1
Digital Inputs:	3
Serial I/O:	2
Accelerometer:	3 axis (reporting X and Y)
External Accelerometer Support:	Optional
Bluetooth:	BLE
Antenna:	External
Version:	BLE v4.2
Approximate RF Range:	~ 30 m with external antenna
Firmware Upgrades:	Via BLE (from the iOS app)
Ingress Protection:	IP67
Regulatory Certifications:	ISO9000, RoHS, CE, CC Part 15 (BLE module only)

ABOUT I.D. SYSTEMS

I.D. Systems is a global leader and innovator of supply chain technologies, providing advanced solutions for securing, controlling, tracking, and managing high-value enterprise assets, including industrial vehicles, rental cars, dry van trailers, intermodal containers and chassis, and cargo. The company's patented technologies address the needs of organizations to monitor and analyze their assets and operations to reduce costs, increase efficiency, productivity, and improve profitability.

SOFTWARE FEATURES

PowerFleet® Essence Control Center App

- Download from AppStore(iOS) on iPad or iPhone
- Capture and display all listed events as configured
- Display list of all authorized operators for each vehicle
- Display list and status of all active vehicles
- Create, edit and display safety checklists for vehicles
- Create, configure and display impact detection and control parameters for vehicles
- Configure and display sensors and triggers for vehicle events such as seat and seatbelt switches, oil sensors and timeouts
- Define, configure and display access control, impact, sensors, checklists, shifts, hour meters, maintenance and other operational parameters for each vehicle



Interested in more information?

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