



# VeoSphere

## All-In-One ELD & Tracking

### Physical Dimensions

Dimensions: 6.1 x 8.2 x 1.6"  
(156 x 209 x 41 mm)  
Weight: 6.28 oz. (178 g)

### Electrical & Temperature Specs

Operating Voltage: 9-30 VDC (start-up, operating)  
8-32 VDC (momentary)  
Power Consumption: Typical 0.5mA @ 12 V  
(deep sleep)  
Typical 100mA @ 12V  
(idle on network with VBUS active)  
Battery Capacity: Up to 200 mAh  
Battery Technology: Lithium-Ion  
Temperature: -30° to +75° C

### Environmental Specifications

Temperature: -30° to +75° C  
Humidity: 95% RH @ 50° C non-cond.  
Shock and Vibration: U.S. Military Standards 202G  
SAEJ1455

### Android Tablet Specifications

Display: 7" 1024 x 600 TFT LCD  
Aspect Ratio: 16:9  
Operating System: Android™ 5.0 (Lollipop)  
Processor: 1GB DDR3 Internal RAM  
Memory and Storage: 8GB Internal ROM  
Expandable Micro SD Slot  
(up to 32GB)  
Speaker: -40dBV sensitivity  
Microphone: 120Hz-10kHz, 80Hz-10kHz  
Cameras: 2m pixel w/ 6 IR LEDs (Front)  
5m pixel (Back)

### Connection Standards

Heavy Duty Truck Data: J1939, J1708  
Light Duty Vehicle Data : J1850 PWM,  
J1850 VPW  
ISO 9141-2,  
KWP 2000,  
ISO 15765 CAN



### Components

- Heavy Duty 7" Android Tablet designed for in cab environment
- Jbus or OBD Cable Y-Cable
- Universal mount and charging cradle with mandated LED malfunction indicator
- Built in LTE Cat 1 tracking device with integrated back-up battery

### Features

- The ultimate all in one solution. A commercial grade, full compliant electronic logging device combined with cutting-edge, reliable tracking service from TYT
- Supports the entirety of your fleet, compatible with Heavy Duty J1708 and J1939, Light Duty OBDII
- Easy self install, powered by a single plug and play cable.
- Easy-to-use web-based Administration Console. Access your tracking information and ELD records from a common screen
- Includes IFTA Reporting and DVIR reports

Registered by the FMCSA ELD identifier # HOS001  
Visit <https://eld.fmcsa.dot.gov/List> for more information