

| | Power Supply | Mileage Counter | GPRS Modem | GPS Module | Sensor System |
|-------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| WaggonTracker PS | <input checked="" type="checkbox"/> | | | | |
| WaggonTracker MC | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| WaggonTracker STD | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| WaggonTracker ADV | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

Description

The WaggonTracker ADV is a self-sufficient durable position tracking and mileage capturing system for freight cars, which includes an additional module that can monitor up to 10 external sensors via digital and analogue input ports as well as a separate CAN-BUS interface for integration with other systems. Thus wagon performance metrics, such as running performance, load status, and location and size of high accelerations (impacts), etc. can be readily attained.

The position of the vehicle is recorded using a GPS system and the calculation of mileage is based on contactless counting the revolutions of the wheel electronically.

The wagon's position, mileage and condition monitoring data is transferred at regular, adjustable intervals to a central server.

Characteristics & benefits

- Localization
- Accurate determination of wagon mileage (maintenance)
- Durable, contact-less power supply unit with a built-in generator integrated bearing cap
- 8 analog inputs and 2 digital inputs (can be used as event detector), CAN-BUS to connect sensors for ...
 - » Monitoring braking behavior
 - » Notification and proof impacts
 - » Monitoring migration behavior
 - » Bearing temperature
 - » Acquisition of load conditions
 - » Control of indoor moisture and temperature
 - » Monitoring the internal pressure in tank wagons
 - » Other features available on customer
- Data (e.g. km-performance, GPS position etc.) available through Web portal
- Better planning of maintenance and maintenance intervals
- Reduce costs using mileage-based maintenance
- Logistics optimization and increasing fleet efficiency
- Protection against inadvertently exceeding of allowable mileage
- Custom transmission intervals



Sensors

- Door status
- Running behavior
- Storage Temperature
- Load condition
- Braking condition
- Indoor moisture
- Events



WaggonTracker portal

The WaggonTracker portal can be accessed via www.my.waggontracker.com. This web portal offers the user the ability to centrally manage (user management, device configuration, alarms, etc.), visualize, and access current and historical data of all its wagons which have WaggonTracker ADV installed.

Data download is in csv or xml format. Custom interfaces make it easy to transfer data into already existing custom systems.

Detailanzeige

Einheit: Startdatum: 13.10.11 19:41 Enddatum: Einträge ohne Position ausblenden

| T | Datum | Breitengrad | Längengrad | Höhe | Geschwindigkeit | Richtung | Kilometerstand |
|----|------------|-------------|------------|--------|-----------------|----------|----------------|
| IP | 24.07.2012 | 47,642220 | 17,411209 | 134,00 | 65,00 | 258,00 | 17.959,09 |
| IP | 24.07.2012 | 47,658077 | 17,641075 | 118,00 | 62,00 | 40,00 | 17.931,99 |
| IP | 24.07.2012 | 47,615807 | 17,597475 | 121,00 | 75,00 | 10,00 | 17.925,96 |
| IP | 23.07.2012 | 47,633698 | 17,608847 | 120,00 | 47,00 | 220,00 | 17.909,26 |
| IP | 23.07.2012 | 47,670788 | 17,657820 | 128,00 | | | |
| IP | 20.07.2012 | 47,684544 | 17,662016 | 124,00 | | | |
| IP | 20.07.2012 | 47,696373 | 17,803236 | 124,00 | | | |
| IP | 20.07.2012 | 47,746117 | 18,098343 | 117,00 | | | |
| IP | 20.07.2012 | 47,735584 | 18,177101 | 161,00 | | | |
| IP | 20.07.2012 | 47,661732 | 18,328581 | 141,00 | | | |

Demo version

For demonstration, you can access the WaggonTracker Portal, where a demonstration unit and the entire system can be seen: www.my.waggontracker.com.

Further system variants of the WaggonTracker platform

- WaggonTracker PS - Power Supply
- WaggonTracker MC - Mileage Counter
- WaggonTracker STD - Standard

SALES & PRODUCT INFORMATION

on our webpage: www.waggontracker.com
or contact us under: info@pjm.co.at

Vs 2013/01