

RS2006 Vehicle



LEADING IN WASTE TECHNOLOGY

Since 1992 WSS in the Netherlands has developed and worked with Radio frequency identification (RFID) systems. With an installed base of many thousands of RFID readers in the Netherlands WSS is now a market leader in this field. Working with WSS means working with the source of registration technology for container systems, waste sorting bins and vehicles. Our customers use RFID systems that are the result of more than 15 years of experience. These systems have been continuously updated to already enable operation with practically no human intervention.



RS2006 Vehicle

With the advent of new technology like wireless internet and GPRS communication WSS has evolved with a new system for (mini)-container registration. Together with RS2006 Vehicle software the latest technology is used for all loading systems. The new user interface provides better information and fault alarms. A touchscreen colour display monitors the process. At the end of the day wireless data transfer to the RS2006 Office application database is accomplished. Data from the RS2006 Office protected database can be filtered and exported for use with other management programs.



Specifications boardcomputer

Hardware

Processor: 32bit Intel XScale PXA270
 Processor speed: 624 MHz
 ROM capacity: 128 MB
 RAM capacity: 64 MB
 Screentype: color transfective TFT
 Screenresolution: 240 x 320
 Screen size: 3.5 "
 Handling: Touchscreen

Software

Software: Windows Mobile 5.0
 Memory slots: MMC, SD, SDIO
 Serial: RS-232, 115200bit/s
 USB: USB Full-Speed (12Mbit/s)
 Bluetooth: Bluetooth 1.2
 Wireless LAN: 802.11b, 802.11g
 Protection class: IP54

RS2006 User interface

The RS2006 user interface has been improved. Now a larger colour touch screen shows user icons for pertinent operational functions whilst the display shows the registration in progress. The need for system intervention is negligible. If an incorrect bin is encountered the location is clearly shown for easy intuitive intervention.

Registration data

The RS2006 Vehicle database is transferred wireless with WiFi or GPRS to the RS2006 Office database; the data is safely transferred using international standards. RS2006 Office software provides Internet access allowing remote



access to the management program and its database. The RS2006 database can also be configured to export filtered data to other management programs.



Board computer

This robust all in one mobile handheld computer is designed for speech and data under arduous conditions. The enclosure is protected against falling even on a concrete floor and working in dirty and wet conditions under extreme temperatures. The screen has a QVGA resolution and is readable in daylight. Thousands of these units have seen service in the Benelux under these arduous conditions and many accessories are available for convenient mounting and use.