



WT-RODO_datasheet_v01
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Software WT-Rodo

THE MOST COMPLETE WEIGHING
AND AUTOMATION SYSTEM

*Advanced version

NOW WITH ACCESS CONTROL THROUGH
LICENSE PLATE RECOGNITION VIA OCR*

SOFTWARE WEIGHTECH WT-Rodo



WT-Rodo was developed by Weightech to act as a truck scale manager, optimizing the control of incoming and outgoing materials in companies.

It offers three licensing options: an offline version with hardkey and two advanced cloud-based versions, adapting to the different needs of the market.

With customizable features and interaction with widely used databases such as Oracle, SQL Server, MySQL and MDB, WT-Rodo adjusts to the specifics of each application, facilitating weighing management. The Advanced version integrates the optional EX-5029 module, allowing complete automation of the scale, providing even greater efficiency and practicality.

Available Resources



Remote access
with intuitive interface



Classification of access
by level of interaction



System event
log with action history



Creation of movement
and totalization reports



Personalization of tickets
for printing and
sending by email



Data import
and export



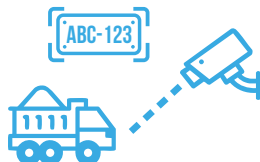
Sending e-mails:
tickets, event reports,
alerts and faults



Enables applications
using RFID readers



Automatic
image capture



Control of entries
and exits with plate
identification via OCR



Synchronization
with traffic lights
and control of gates



Sensor control to
facilitate proper
positioning of the vehicle



Communication with
giant display
to show reports

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Different versions

To make it easier to adapt to different weighing processes, WT-Rodo is available in three versions, offering flexibility in deployment both in remote areas, where internet access is limited, and in environments that require advanced automation.

With ideal options for different levels of complexity and technical requirements, WT-Rodo allows each customer to choose the version best suited to their budget and desired level of automation, ensuring greater efficiency and practicality in operations.

The table below shows the features of the different versions:

Resource/Version	Basic	Plus	Advanced
Database	✓	✓	✓
Remote access	✓	✓	✓
IP cameras	✓	✓	✓
Cloud licensing	✗	✓	✓
Automation control*	✗	✗	✓
Plate identification via OCR	✗	✗	✓

*Access to automation control functions using the Ex-5029 I/O module.

**Access to OCR functions using the Intelbras VIP 7260LPR camera.

The Basic version of WT-Rodo uses hardkey licensing, which connects to the computer via the USB port and eliminates the need for an internet connection. The Plus and Advanced versions have cloud-based licensing, requiring only internet access for software installation and periodic license validation.



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EX-5029

DIGITAL INPUT AND
OUTPUT MODULE

WT-Rodo Advanced, combined with the EX-5029 digital input and output module, offers a robust solution for managing truck weighing. The EX-5029 module has been specially designed to read inputs and outputs remotely, using various communication options such as serial (RS232/485), USB and Ethernet TCP/IP.

Update

UPDATE



WT-Rodo

Now with access control through
license plate recognition via OCR



WT-RODO ADVANCED NOW WITH OCR

WT-Rodo Advanced now features OCR (Optical Character Recognition), offering more agility, security and automation in truck weighing management. The system supports up to 2 OCR cameras and 2 ordinary cameras, providing a wide view of the weighing platform and greater flexibility in installation.

Using the Intelbras VIP 7260 LPR camera, the system automatically recognizes the license plates of registered vehicles, making it easier to automate access to the weighing platform, identifying the vehicle and dispensing with the use of a transponder. This feature helps to prevent fraud, such as the exchange of RFID cards, increasing the security of operations.

Main features of OCR in WT-Rodo

- ✓ Recognition of multiple license plate models, broadening the system's compatibility.
- ✓ Capture of vehicles moving at up to 60 km/h, ideal for dynamic operations.
- ✓ Customized configuration, allowing only registered vehicles to be weighed, reinforcing access control.

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