

# 920i Single Kiosk Truck In/Out

Software Application  
Version 1.02

## Operation Manual



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WEIGHING SYSTEMS

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# 1.0 Introduction

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This 920i<sup>®</sup> Single Kiosk Truck In/Out program (PN SZ99999) allows a truck to weigh in and out (saves inbound weight after weighing out and has value swapping) and store the transaction after each weigh out with Truck ID, Gross, Tare and Net. Transactions may be printed or cleared at any time through the setup menu. An HID scanner, numeric keypad and an American custom VK80II kiosk printer are available options.

This program is for use on a single direction truck platform with a single kiosk. Weights can be streamed to a remote display.



Manuals are available for viewing and/or downloading from the Rice Lake Weighing Systems website at

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Warranty information can be found on the website at [www.ricelake.com/warranties](http://www.ricelake.com/warranties)



**Note** *After a successful download, the 920i needs to be power cycled.*

## 2.0 Operation

System displays the **Weigh In, Weigh Out, Truck Regs, Setup Menu** softkeys when it powers up or when it exits the configuration or setup menus.

### 2.1 Weigh In

1. Press the **Weigh In** softkey. The 920i prompts **Enter ID Inbound**.
2. Enter the truck ID and press the **enter** key, or scan an HID card (ID must not be weighed yet). The system prints a Weigh In Ticket and displays **Weigh In Complete – Exit Scale**.

### 2.2 Weigh Out

1. Press the **Weigh Out** softkey. The 920i prompts **Enter ID Outbound**.
2. Enter the truck ID and press the **enter** key, or scan an HID card (must have a stored tare from a previous inbound weighment).
3. System displays the following:
  - A. ID FOUND
    - i. Prints a Weigh Out Ticket .
    - ii. Displays **Weigh Out Complete – Exit Scale**.
    - iii. Stores a Transaction.
    - iv. Removes the inbound weighment if **Store Tares** is **NO**.



**Note** *When the transaction database reaches its 1,000 record capacity it automatically deletes the oldest 25% of data.*

- B. ID NOT FOUND.
  - i. System displays **ID Not Found**.

### 2.3 Truck Register

Pressing the **Truck Regs** softkey shows all the stored inbound tare weights, truck IDs and time/dates. Use softkeys to page up, page down, delete an individual Inbound record, delete all Inbound records or exit back to the starting keys.

## 3.0 Serial Communications

### 3.1 Weigh In Ticket

The program uses the Auxiliary Print Format #1 for weigh in tickets. The dealer may modify this print format through the 920i front panel or by using iRev™ PC software.

```
ID: 88  
  
Inbound: 126560 lb  
  
05/07/2018 11:22PM
```

Figure 3-1. Weigh In Ticket Sample

### 3.2 Weigh Out Ticket

The program uses the Auxiliary Print Format #2 for weight out tickets. The dealer may modify this print format through the 920i front panel or by using iRev PC software.

```
ID: 88  
  
Gross: 126560 lb  
Tare: 81560 lb  
Net: 45000 lb  
  
05/07/2018 11:29PM
```

Figure 3-2. Weigh Out Ticket Sample

### 3.3 Transaction Report

The program prints all the stored transactions. This is not configurable without a program modification.

```
Transactions as of 11:30PM 05/07/2018  
  
ID: 88  
Gross: 126560 lb  
Tare: 81560 lb  
Net: 45000 lb  
05/07/2018 11:29PM  
  
ID: 22  
Gross: 126560 lb  
Tare: 4000 lb  
Net: 122560 lb  
05/07/2018 11:19PM
```

Figure 3-3. Transaction Report Sample

## 4.0 Modifying the Database Tables

A program, Interchange, can be used by the end-user to upload, export and clear the database tables. The exported file may be saved as a delimited text file, an Excel spreadsheet or as a XML document. iRev may also be used to perform database maintenance.

### 4.1 Application Setup & Configuration

The **Setup Menu** softkey is password-protected and offers access to the following:

- Display Program Name & Version
- Display a weight widget

Parameter	Default	Softkey	Description
System Time and Date	Current	Time/Date	Time and date of 920i
Setup Password	""	Setup Password	Changing the password that is required for entry into the Setup menu; setting the password to nothing causes the system to not prompt for a password when the <b>Setup Menu</b> softkey is pressed
Clear Transactions	-	Transactions	Clear transaction database with a YES/NO option
Print Transaction	-	Transaction	Prints transaction report
USB Upload/ Download	-	USB Options	920i standard USB softkey; reference the 920i Installation manual for more details (920i USB required)
Contrast Key	-	USB Options	920i standard Contrast softkey; reference the 920i Installation manual for more details (920i USB required)
Stored Tare Option	YES	Store Tare YES/NO	NO - deletes the inbound weighment after a weigh out; YES - retains the inbound weighment after a weigh out

Table 4-1. Setup Menu Parameters

### 4.2 Database Table

Field	Type	Description
ID	String	Truck Id – 16 alphanumeric
Gross	Real	Gross Weight
Tare	Real	Tare Weight
Net	Real	Net Weight
DT	DateTime	Date and Time of Transaction

Table 4-2. Transactions Database (1,000 Records)

#### 4.2.1 Built In Truck Database

Field	Type	Description
ID	String	Alphanumeric truck identifier – 16 characters
Pri_Wgt	Real	Inbound weight in primary units
Sec_Wgt	Real	Inbound weight in secondary units (Currently Not Used)
Ter_Wgt	Real	Inbound weight in tertiary units (Currently Not Used)
TimeDate	DateTime	Time and date of inbound weighment (Currently Not Used)
Scale	Byte	Scale number (Currently Not Used)
Keyed	Byte	Keyed Tare (Currently Not Used)

Table 4-3. Truck Database (1,000 Records)

## 5.0 Hardware Setup

This section provides information regarding the setup of option card locations, digital I/O and serial ports.

Slot	Type
1	Dual Channel Serial Card
2	1 MB Memory Card
3	Single A/D Card
4	Dual Channel Serial Card

Table 5-1. Option Card Locations

Slot	Bit	Type	Function
0	1-6	Off	Currently Not Used

Table 5-2. Digital I/O

Port	Type	Description	Setup
1	Programmability	HID RF tag reader	9600,8,N,2
2	CMD	iRev, Qwerty keyboard or ethernet	115200,8,N,2
3	Programmability	Numeric Keypad	9600,8,N,2
4	CMD	Left blank for iQube <sup>2</sup> (RS-485) By default not configured	9600,8,N,2
5	CMD	American Custom VK80II Printer	19200,8,N,2
6	CMD	N/A	9600,8,N,2

Table 5-3. Serial Port







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