FAIRBANKS®
SCALES

HIGHWAY SYSTEM
APPLICATION FOR FB4000 INSTRUMENTS

The ultimate commercial vehicle weight reporting system for truck stops and weigh stations.

Fairbanks.com

ONE STOP APPLICATION FOR ALL YOUR CERTIFIED WEIGHING NEEDS

Fairbanks' Highway System Application for **FB4000 Series Instruments** is ideal for simultaneously capturing the individual vehicle axle weights and a legal-for-trade gross vehicle weight. This application is designed to rapidly gather, document, and store this valuable weighment information for multi-platform truck scale operations, such as truck stops and other public scales that charge fees to weigh and certify trucks for highway travel.

Capture image on screen,
in your database and on the scale ticket

Single, double and triple trailer weighments — up to seven axles or groups of axles

Large touch screen buttons

Up to two cameras can be interfaced with this system

Automated visual images help operators process weighments

Triple platform weigh screen (System allows a maximum of four platforms)

SCREEN SAMPLES

Fee schedule screen

Weigh screen - green light

Personalize with your own company logo

Idle screen with DOT info

EXCEPTIONAL GRAPHICS, EASY TO USE TOUCH SCREEN INTERFACE

Fairbanks' Highway System Application offers easy-to-follow graphics that make the automated commercial truck weighing process a breeze for drivers.

System operation is further enhanced by Fairbanks' touch screen interface. This feature makes system operation easier than using an ATM.

11 WAYS THIS SYSTEM OUTPERFORMS ITS COMPETITION

HIGHWAY SYSTEM APPLICATION ADVANTAGES

• Simultaneously provides rapid axle weight and gross vehicle weight data.

• Advanced reporting options (see below for details).

• Backup / restore function protects valuable transaction data.

• Blind counter records all activity that doesn't result in a printed report.

• System can be configured to create a text file of the information.

• Enforcement Mode evaluates axle weights according to legal compliance.

• Optional camera captures visual image of vehicle on scale.

• Void ticket function allows operator to search by ticket number.

• Inbound /Outbound operating modes.

• Network terminal setup.

• Formattable tickets.

FB4000 SERIES *INSTRUMENT ADVANTAGES*

• Unsurpassed data collection capabilities   • Unsurpassed data storage capabilities   • Multiple communication options

• Built-in error reporting   • Ethernet connectivity   • Email functions   • IP Camera interface

Touch screen traffic light controls

Highway System processing screen

Completed Transactions Report sample screen.

REPORTING OPTIONS

The Highway System Application has the ability to display and print reports that show a variety of weighment information. There are eight distinct reports to choose from:

• **Completed transactions**

• **Incomplete transactions**

• **Report by product**

• **Report by customer**

• **Daily report**

• **Weekly report**

• **Void report**

• **Scale activity summary audit**

Optional product and/or customer tracking function

Up to 10 general programmable data fields

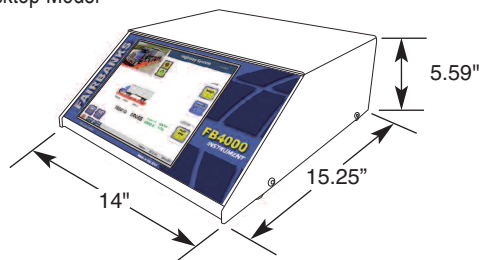Easy-to-read axle weights and gross weight

HIGHWAY SYSTEM SPECIFICATIONS

Number of weighing platforms . . . . 2 to 4

Maximum number of axles . . . . 7 axles or groups of axles (tandems)

Fee schedule . . . . Programmable fee rates for each weighment type

Reports . . . . Scale activity summary audit
Completed transaction
Daily transactions
Weekly transactions
Incomplete transaction
Voided transactions
Transactions by customer
Transactions by product

Error reporting . . . . Automatic alerts sent to multiple email accounts during an error event

Automated images . . . . During the weighing process a graphic image of the vehicle and active scale platforms is displayed on the weigh screen

DOT axle summing . . . . Combines the weight of two preselected system platforms and displays the data on the weigh screen and weigh ticket

Traffic controls . . . . Automatic or manual operator selectable

Simultaneous weight display . . . . . . All individual scale platform weights plus the total weight are displayed simultaneously, giving the operator complete information at a glance

Reweigh options . . . . Single, double or triple trailer configuration

Accessories . . . . Ethernet video camera, traffic light

FB4000 SERIES INSTRUMENT DIMENSIONS

Desktop Model

5.59"

15.25"

14"

INSTRUMENT SPECIFICATIONS

Model . . . . FB4000 Series Instrument with preinstalled Highway System App

Display . . . . 10.4" Color SVGA - 600 x 800

Memory . . . . 4 GB RAM

Processor . . . . Dual core, 1.86 GHz

Storage . . . . 32 GB CFast drive

Enclosure . . . . Stainless steel, powder coated, NEMA 12

Device platform . . . . Windows® 8.1 embedded

Outputs . . . . 4 USB 2.0 ports
2 RS232 Serial ports
1 RS232/485 selectable port
1 RJ45 port for network connection
1 HDMI port
10/100/1000 Mbps ethernet controller

Power requirements . . . . 100 to 130 VAC or 200 to 260 VAC; 50/60 Hz ± -2 Hz

Touch Screen interface . . . . Standard

Load cell interface options . . . . Analog and/or Intalogix

Clock . . . . Real time clock, day of the week, 12-hour AM/PM, date month/day/year

Display resolution . . . . 10,000 divisions commercial 50,000 divisions for non-commercial

Capacity . . . . Programmable to 999,999

Displayed units . . . . 7 primary and 7 secondary

Humidity . . . . 0 to 100%

Accuracy . . . . Class III/IIIL

Approvals . . . . NTEP CC# 15-064, MC# AM-5997