

FAIRBANKS[®]

S C A L E S



FB2550 SERIES

INSTRUMENT

Industry leader in data output, connectivity and customization.

Fairbanks.com

FB2550 SERIES

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The FB2550 delivers the features and functionality you demand for your truck weighing needs!

For more than 180 years, Fairbanks Scales has led the way in vehicle weighing. The FB2550, the latest instrument in the Fairbanks family, carries this tradition forward. Specifically designed to seamlessly control vehicle weighing, the FB2550 enables weighing processes to run smoother, provides more data than ever before and boasts

more standard outputs than any previous scale instrument. The FB2550 also features simple and easy-to-use operator controls, such as a large, full-color touch screen display and over-sized keys. With custom prompts, programmable outputs and programmable truck graphics, the FB2550 Instrument is designed to tailor-fit your weighing application.

Networkable

When network configured, FB2550 instruments allow you to effortlessly share data between multiple scales. Tare weighments can be captured on one instrument and gross weighments on another. Access to scale platforms can also be shared to simplify operation and speed weighments. All transaction data is conveniently available from any instrument on the network.

FB2550 Transaction Report

Completed Transactions
04/14/2011 - 04/17/2011

Ticket	Date	Time	Loop ID	Product ID	Customer	Gross	Tare	Net	Units
1	04/15/2011	03:24 pm	5	12	456	82800	49700	33100	lb
2	04/17/2011	05:14 pm	111	17	783	99360	35220	64140	lb
Total						182160	84920	97240	lb

Data reporting

The FB2550 offers a wide variety of data reporting functions. Printed transaction reports by date, product or customer are available. You can also email transaction data in CSV or PDF format, or export data directly to a USB drive.

Stainless steel
and aluminum
NEMA 12 enclosure

Programmable
vehicle graphics

Camera interface
with onscreen image

Large 7.0" full-color display
with touch screen operation

Over-sized keys

Front panel navigator keys

Application function keys



Web Configuration Tool — Easy access to data from anywhere

The FB2550's unique web configuration tool allows remote user access and data management capabilities through a standard PC ethernet connection. Imagine having the ability to update product, customer or truck information, obtain

transaction data or run reports — all from a remote personal computer. Remote access does not require special software, simply use a standard Internet browser.



Standard Features

- Large full-color display
- Touch screen operation
- Multiple and expandable serial ports
- Ethernet
- Built-in reporting functions
- Programmable prompts capture additional data
- Integrated web server
- IP Camera interface
- SQL Database



Standard touch screen control puts operations at your fingertips.

Accessory Interfaces

- RS232 ports
- RS485 ports
- 20 mA ports
- High resolution 4-20 mA
- Traffic light interface card

Optional PLC Interfaces

- Modbus
- ControlNet
- Profibus-DP
- DeviceNet
- Ethernet/IP

Serial Ports

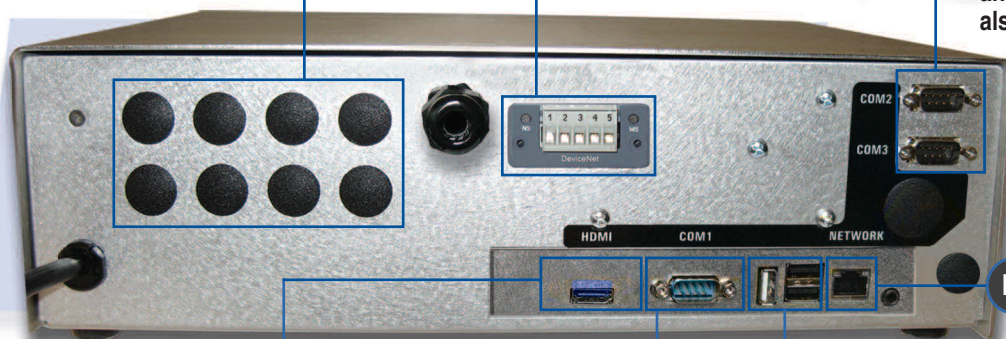
Two dedicated RS232C ports for connecting to computers, printers and other series devices. Top port also RS485 compatible.

USB

One (1) USB port dedicated for remote QWERTY keyboard.

RJ45

One (1) IEEE 10/100/1000BASE-T Ethernet port allows the FB2550 to connect to any existing PC network — enabling remote access to the FB2550 Instrument and seamless transfer of scale transaction data.



HDMI

The HDMI port allows you to add a remote monitor to your truck weighing application.

Serial

One (1) RS232C port for connecting to computers, printers and other series devices.

USB

Three (3) standard USB 2.0 ports are available for connecting printers, keyboards and USB flash drives to transport data from the FB2550.

Intalogix® Technology — Innovation at its best

Intalogix Technology is a unique method of digital load cell communication that works by converting a weak analog load cell signal to a stronger, more reliable digital interface. Regardless of the nature of your application, Intalogix Technology allows you to operate with an

unsurpassed degree of resolution and accuracy. No other technology on today's market comes close to achieving the digital advantages and lightning/surge protection of Intalogix.



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Weighing Solutions for the World Since 1830

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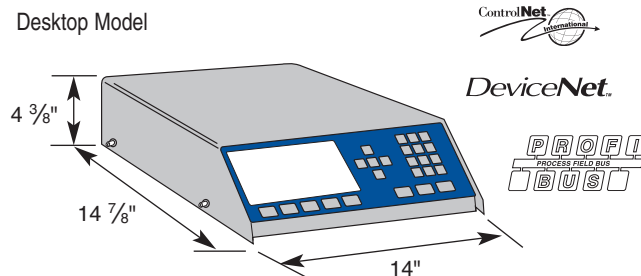
SPECIFICATIONS

Enclosure	Stainless steel and aluminum desktop NEMA 12
Processor	Dual Core 1.6 GHz
Memory	2 GB
On-board storage	8 GB mini PCIe
Display	6.0" x 3.5", 7.0" diagonal, 800 x 480 resolution, TFT LCD with LED backlight, Full color graphic with active matrix,
Touch screen	Standard
Keypad	Oversized keys: 0-9, Decimal point, Enter, 5 Function keys, 8 Control keys
Outputs	One (1) RJ45 10/100/1000 Base-T Ethernet port, Three (3) RS232C ports: One (1) RS232C/RS485 selectable Two (2) dedicated RS232C, Four (4) USB ports: Three (3) USB 2.0 One (1) USB for remote QWERTY keyboard, One (1) dedicated optically isolated 20mA
External display connection	HDMI
Power requirements	100 to 130 VAC or 200 to 260 VAC; 50/60 Hz
Clock	Real time clock, Day of the week, 12-hour am/pm, Date (month/day/year)
Multiple scales	One instrument can run up to 8 scales, maximum of 32 load cells per instrument
Displayed characters	$\frac{3}{8}$ " tall
Display resolution	10,000 divisions commercial, 50,000 divisions for non-commercial
Capacity	Programmable to 999,999
Division size	0.0001 to 100
Displayed units	7 primary and 7 secondary
Calibration & configuration	Parameters can be configured locally at instrument or remotely by means of an ethernet connection and standard browser.
Programmable prompts	10
Product files	250,000
Customer files	250,000
Stored tares	500,000
Transaction records	1,000,000 (10,000 with two images)
Reports	Seven (7) onboard configurable reports
Humidity	0 to 90%
Accuracy	Class III/IIIL

Network features	Networked via Ethernet, Up to five FB2550 terminals, Up to eight scales, Report and export all transaction data from any terminal, Automatically shared transaction data, Sync product table, Sync customer table, Sync tare table
Accessories	4-20 mA (Passive, 16 bit), 4-20 mA (Active, 16 bit), Serial expansion card with four additional outputs per card: One (1) RS232C One (1) RS232C/485 selectable One (1) RS232/20mA selectable One (1) RS485, IP network camera, Traffic light control card, PLC interfaces: Profibus, Modbus-RTU, DeviceNet, ControlNet, Ethernet/IP, Peripheral devices: Ticket printer, Tape printer, Form printer Remote displays, traffic light, control box, 105 key QWERTY keyboard, 87 key QWERTY keyboard
Approvals	NTEP CC# 10-089, MC# AM-5805, ETL

FB2550 SERIES INSTRUMENT DIMENSIONS

Desktop Model



Other models:

NEMA 4X - 14.32" H x 17.94" W x 7.00" D
Panel Mount - 19.25" H x 16.50" W x 4.32" D
Rack Mount - 6.97" H x 18.97" W x 12.90" D

Your Fairbanks Scales Authorized Representative is:

Call toll-free for the representative nearest you:

(800) 451-4107

Call between 8:00 a.m. – 5:00 p.m. Central Time

Corporate Offices: 821 Locust • Kansas City, MO 64106 • (816) 471-0231

Internet Address: <http://www.Fairbanks.com>

