

April 2023 Service Bulletin

Titan Logix has released firmware updates for the TD100 Transmitter and the Finch II (Finch II, Finch II-W, Finch II-6W) Display. The firmware updates will enable the following new features:

1. Maximum supportable volumes – the latest firmware for the TD100 Transmitter and Finch II display allow for accurate measurement for compartment volumes up to 65,535 units up from 9,999. This enhancement eliminates the need to force unit conversions. The configuration of the strapping table is done via SensorLink.
2. Decimal precision – the latest firmware for the TD100 Transmitter and Finch II allow users to configure the number of digits after the decimal point when viewing volumes on the Finch II display. The decimal point precision is set when configuring the strapping table in Sensor Link. Configuring the decimal points via SensorLink eliminates the need to set the decimal rotary switch on the Finch II.
3. Units of measurement – units of measurement (cubic meters, barrels, gallons, liters, etc.) can be set when creating the strapping table in SensorLink. Future Titan Logix solutions will be able to report units to users.

To take advantage of these new features the TD100 Transmitter must be running firmware version 4.8.6 or later, the Finch II display must be running firmware version 2.7.14 or later, and all configurations must be done using SensorLink 5.5.1 or later.

There is a programming kit (cable) for the TD100 transmitter (part # SV PROG) and a programming kit (cable) for the Finch II display (part # FINCH II PROG). These programming kits can be purchased from Titan Logix.

Error Codes

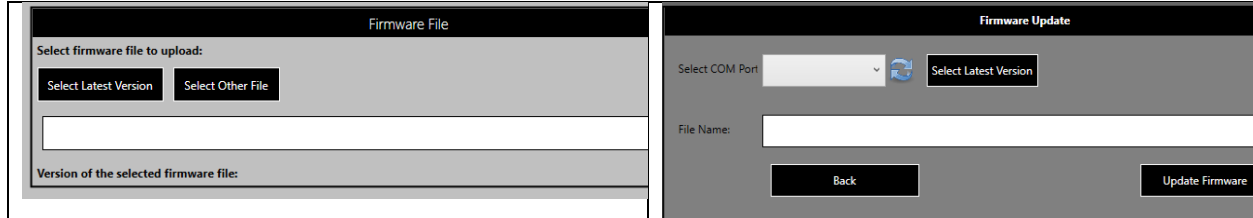
If error codes E81 or E82 are shown on the Finch II display, there is a problem with the strapping table(s) that have been programmed into the TD100 transmitter(s). This is caused by creating a strapping table in SensorLink 5.5.1 (or higher) for a TD100 transmitter or Finch II display that is not equipped with the latest firmware.

Updating firmware on the TD100 transmitter and Finch II display will ensure that level LEDs on the Finch II display will continue to work as expected.

The remainder of this document will outline the steps required to ensure the latest versions of SensorLink and firmware are being used.

Where to Find the Latest Versions

The latest firmware files for the TD100 Transmitter, Finch II display and SensorLink can be downloaded from the Titan Logix website <https://www.titanlogix.com/support/downloads/> or through SensorLink by clicking on “Select Latest Version”.



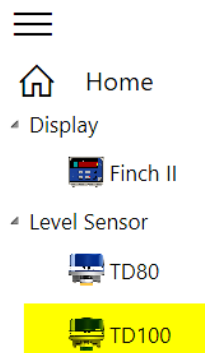
SensorLink Version

To confirm SensorLink version, run the application and look for the version number in the bottom left corner. If the version is not 5.5.1 or higher, download and install the latest version from the Titan Logix website.

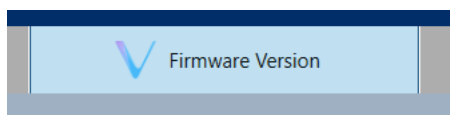


TD100 Firmware Update

To confirm what version of firmware is running on the TD100 Transmitter, connect the transmitter with the programming cable to a laptop that has SensorLink 5.5.1 or higher. Open SensorLink and click on TD100 in the left menu.

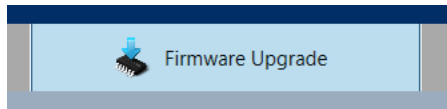


Click on Firmware Version from the top menu to confirm what firmware is on the TD100 transmitter.



The Firmware Version screen will outline the steps required to check the firmware.

If the firmware is not 4.8.6 or higher an upgrade is required to use the enhanced features. With the programming cable still connected click on Firmware Upgrade.

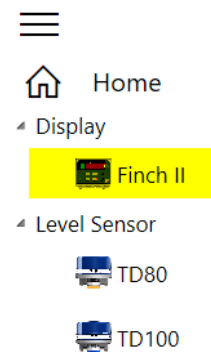


The Firmware Upgrade screen will outline the steps required to update the firmware.

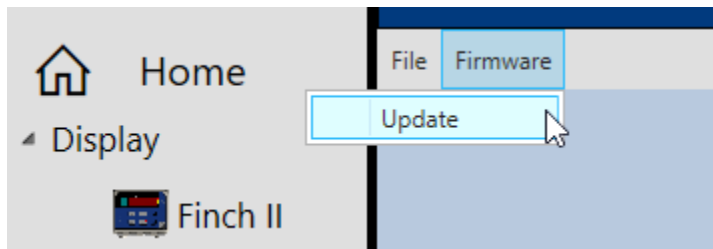
Finch II Firmware Update

To confirm what version of firmware is running on the Finch II Display, power up the display. During the boot-up process, a green F will appear on the display. The red digits displayed next to the green F are the firmware version running on the Finch II display. If the firmware is not 2.7.14 or higher, a firmware upgrade is required to use the enhanced features.

To upgrade the firmware on the Finch II, connect the display with the programming cable to a laptop with SensorLink 5.5.1 or higher. Open SensorLink and click on Finch II in the left menu.



Click on Firmware \ Update from the top menu to begin the upgrade.



The Firmware Upgrade screen will outline the steps required to update the firmware.