PetroVend FUEL CONTROLS

IAT and FSC3000 Wiring

Inside Authorization Terminal

FSC3000

RJ45 Cable
(12-3004)

10-6026
RJ45 Coupler

20-1723
IAT Cable

NOTE: Total length of the 2 cables and coupler must be less than 50 feet.

Citizen Printer (Optional)

Type A to Type B USB Cable

IMPORTANT: The six (6) inch serial cable and coupler that is provided must be used with the console. The cable is custom wired and the coupler will let you use a regular data cable of a length applicable to your site's physical configuration. The total length of both cables and coupler must be less than 50 feet.

Communication, between IAT and FSC:

- 20-1723 IAT Cable from Port 2 of the FSC to one end of the 10-6026 RJ45 Coupler.
- 12-3004 RJ45 Cable from the RJ45 Port of the IAT console to the other end of the 10-6026 RJ45 Coupler.

Citizen Printer:

- USB (Type A to Type B connectors) Type A connector from one of the USB ports of the IAT console to the USB Type B port of the printer.

IAT and FSC3000 Communications

Communication between the FSC and IAT is attempted every 15 seconds until a connection is established. The console main screen will show CONSOLE OFFLINE (logged in or logged out) until a connection is (re)established. When a connection is established the FSC will authenticate the IAT, download basic setup information and then begin to send pump status messages. The display will show pump status information in the top panel of the screen (below right).

No Connection - Console Offline

CONSOLE OFFLINE

LOGIN | SILENCE | PRICE CHANGE | PREVIOUS TRANS
OPEN | SETUP | **PetroVend** FUEL CONTROLS | 00:00 01/01/2000

Connection Established - Console Online

01 02 03 04 05 06 07 08
09 10 11

LOGIN | SILENCE | PRICE CHANGE | PREVIOUS TRANS
OPEN | SETUP | **PetroVend** FUEL CONTROLS | 00:00 01/01/2000

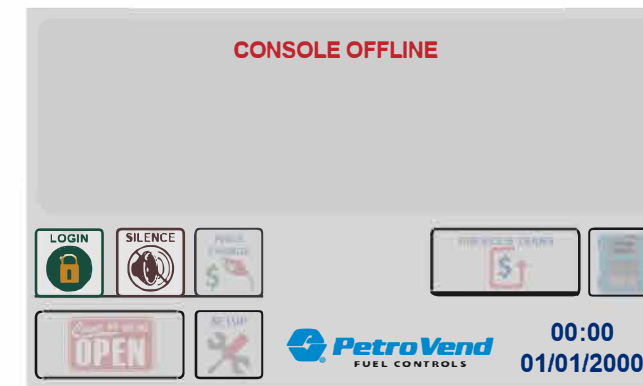To download the complete M1060 IAT IOM Guide, scan this QR code or go to:

https://dover.sharepoint.com/:b:/r/sites/DFS-SSO/KB/FMS%20Technical%20Library/M1060%20IAT%20Installation,%20Operation%20and%20Maintenance.pdf?csf=1&web=1&e=frZmb2

Power Up

REMOVE PRIOR TO OPERATION

IMPORTANT: Make sure to remove the protective tab on the battery before you start the configuration procedure of the IAT. If this tab is not removed you will lose configuration if the power is lost.
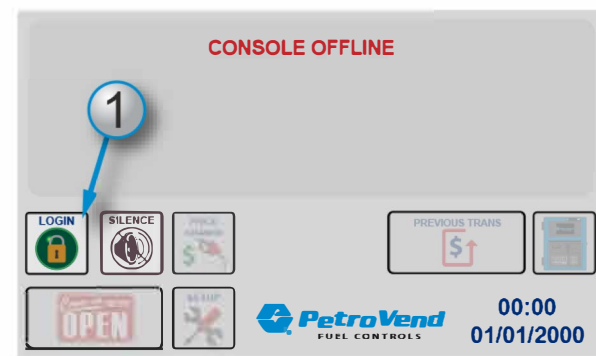
Initial Setup

To initially get access to the Setup screen so the site owner/manager can first log in to the IAT, see the steps that follow.
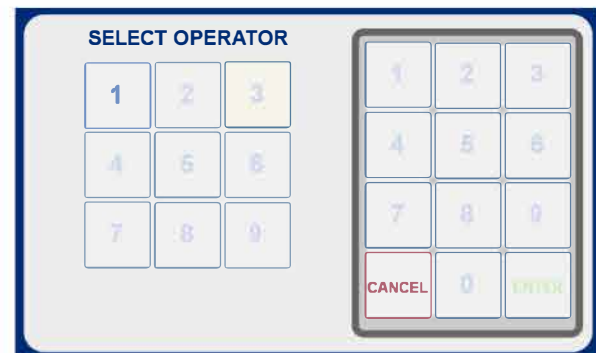
When the IAT console is plugged in and powered up for the first time, the console splash screen will come into view.


Momentarily, the Main Screen will come into view and will show that the console is logged out as seen below.

1. Push the **LOGIN** button. The SELECT OPERATOR screen will come into view.

2. The only available selection is "1." This OPERATOR number is set up for site owners/managers and has all system options available by default. Push the **1** button. The OPERATOR - ENTER SECURITY # screen will come into view.
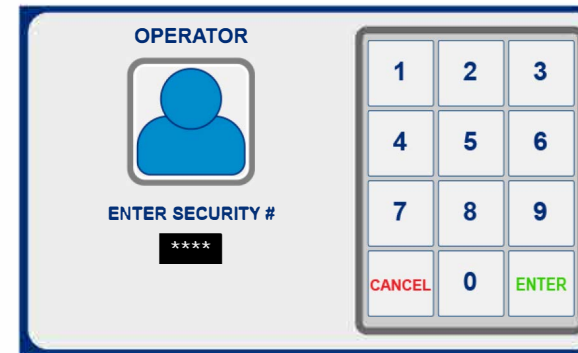
3. The default system SECURITY NUMBER for OPERATOR 1 (site owner/manager) is "1111." Use the keypad to enter the default **SECURITY NUMBER**.

4. Push the **ENTER** button.

NOTE:
If the default OPERATOR Security Number "1111" is not entered in 20 seconds, the screen will time-out and return to the Main Screen. If Cancel is selected, the display will return to the Main Screen. If an incorrect Security Number is entered the display will return to the Main Screen. If a correct Security Number is entered, the Logged In Main Screen will come into view.

The Logged In Main screen will show a person icon with the number "1" on the Login/Logout button to identify OPERATOR 1 (site owner/manager) as the current Logged In OPERATOR.

IMPORTANT:
It is recommended to continue to the Operator Setup (see M1060 IAT Installation, Operation and Maintenance Guide) and set up OPERATORS. Start with OPERATOR 1 to change the Security Number from the default to a unique number.