Know Your **FLOW** On Every Row!

Quick Setup Guide

Monitor and Cradle Install

Select one of the two options below to install Ram Mount:

A) Mount Ram Mount to back of Monitor with (2) 4mm x 14mm screws provided in monitor kit.

NOTE:
Do not use longer than 14mm screws into back of monitor to avoid damaging casing on monitor.

Monitor   Ram Mount   4mm x 14mm Screws

B) Install Ram Mount to back of Cradle with (2) 4mm x 20mm screws provided in Cradle kit. (Ram Mount included in Monitor Kit).

Cradle

Ram Mount (Included in Monitor Kit)   4mm x 20mm Screws

Wiring Monitor or Cradle

When connecting 1 of the 3 power connections from below:

215-02-007   Monitor Power Cable 6' (Wireless) (Use Without Cradle)
215-02-011   Monitor/Cradle Power Cable 6' (Wireless) (Use With Cardle)
215-02-006   Monitor/Cradle Power & In-Cab Harness to Hitch, 10' (Wired)

- Install the - Neg black wire to ground
- Install the +12 Volt red wire to a switched source

NOTE:
When connected to switched 12 volt sorce the monitor will turn off after 10 sec and power down after 30 seconds when the Tractor or power source is turned off.
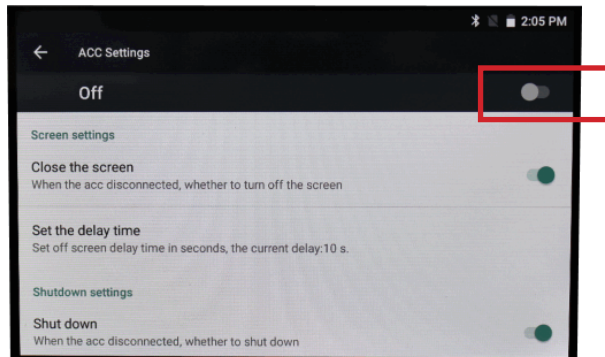
Changing Power Down Feature In Monitor

Monitor comes programmed to shut down screen display after 10 Seconds and power monitor off after 30 seconds when power is source is turned off.

To change these settings:

Settings

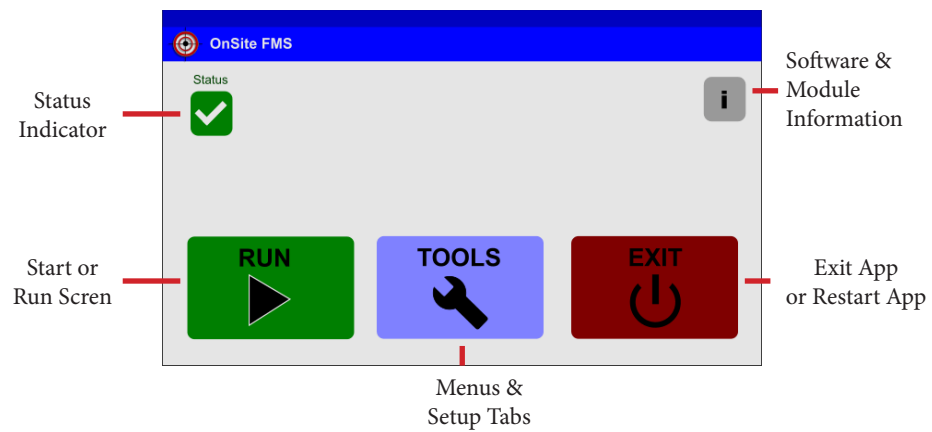- Open the settings tab
- Scroll down and open the ACC Settings menu

- In the ACC Settings screen turn to off. This will disable the power down function and the monitor will then have to powered down manually with power button on the top right side of the monitor.
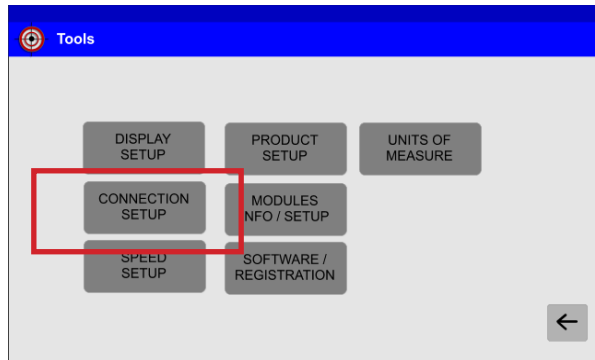- The monitor does have a built in battery, so it will stay on when power source is turned off.

Power Button

OnSite App

Power
Indicator

Files

Settings

USB Connection

Startup

1) Press the Power Button on top of the monitor.
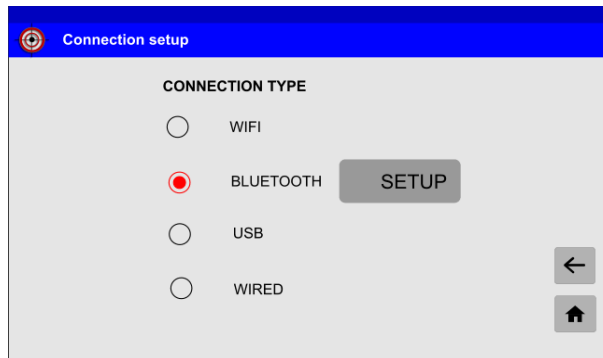2) Select the OnSite App in the center of the screen.

HOME SCREEN

OnSite FMS

Status

Status
Indicator

Software &
Module
Information

RUN   TOOLS   EXIT

Start or
Run Scren

Exit App
or Restart App

Menus &
Setup Tabs

3) Press the [TOOLS] tab to enter into menus.

TOOLS SCREEN

4) Press the [CONNECTION SETUP] tab to enter into connection setup.

CONNECTION SCREEN

5) Choose the type of system:
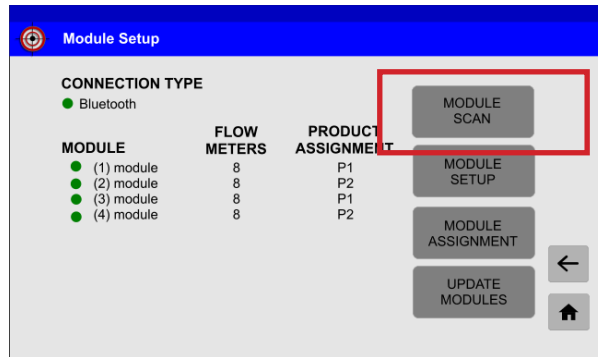
   - WIFI   Not recommend for wireless systems unless instructed.
   - BLUETOOH   Recomended for wireless systems.
   - USB   Used only for special installations.
   - WIRED   For all non-wireless sytem. (Must have monitor craddle)

NOTE:
   - *After selecting a connection type you must close and restart the App*
     for the connection to be activated!
   - *Select "BT_RS485" in Bluetooth Setup if using Bluetooth*

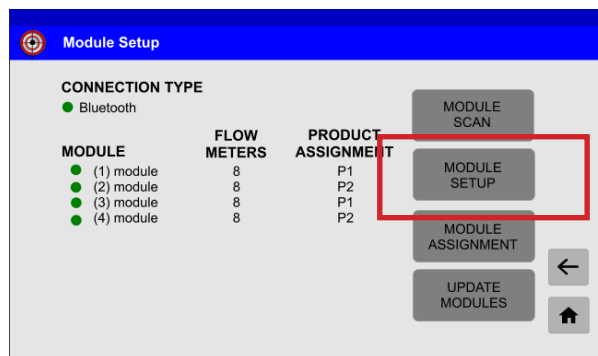6) Press the [MODULES INFO/SETUP] tab from the Tools/Menus page to enter into Module Setup.

MODULE SETUP/INFO SCREEN

7) Press the [MODULE SCAN] tab from the Module Setup page to scan for modules.

- A warning box will pop up. Press [OK] to proceed. It will now show the modules that are connected. (You may need to exit out of Module Setup screen and enter back into the screen for the modules to turn green.)

MODULE SETUP/INFO SCREEN

8) Press the [MODULE SETUP] tab from the Module Setup page to enter into Module setup.

MODULE SETUP SCREEN

9) Select the number of flowmeters on module 1 from the drop down menu.
10) Click on the arrow button on the bottom of the screen to switch to next
    module and do the same for the remaining modules.

    NOTE:
        The Cal Number for Flowmeters and the Averaging can be changed
        at this time or can be changed on another screen in the
        [PRODUCT SETUP] tab in the Tools Menu.
            - Cal Number for Flowmters will change Cal numbers for all the
              flowmeters connected to that module.
            - The Averaging is how many seconds you wish to have the
              information data avarage before changing on run screen.

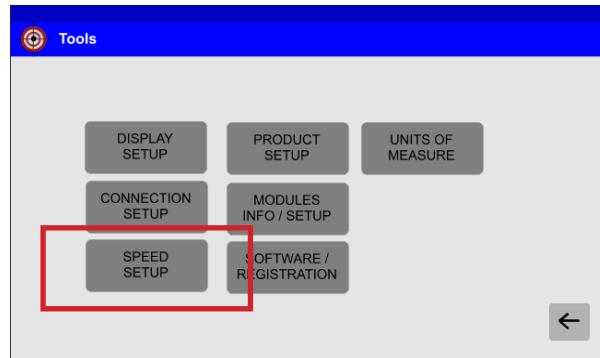# TOOLS SCREEN

11) Press the [UNITS OF MEASURE] tab and select [US] OR [METRIC].
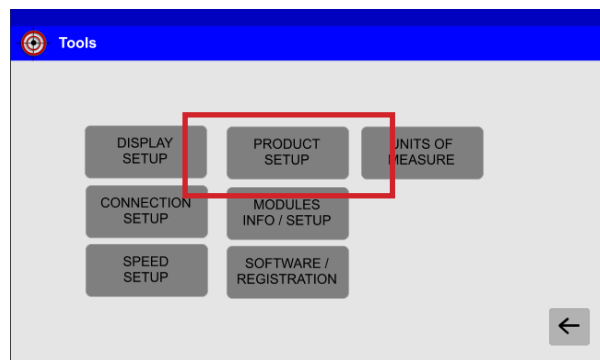
TOOLS SCREEN

12) Press the [SPEED SETUP] tab from the Tools Screen and select [SHOW SPEED ON SCREEN].

> **NOTE:**
> *- You must have speed enabled if you wish to show GPA or LPH as a rate.*
> *- Self test needs to be turned off. It is only used to simulate speed!*

TOOLS SCREEN

13) Press the [PRODUCT SETUP] tab from the Tools Screen to set up product(s).

Product Setup Screen

14) Select what is to be displayed on run screen GPM (GPH) or GPA (LPH).
15) Select the TARGET RATE.
16) Select the [PRODUCT 1 SETUP]

Product 1 Setup Screen

17) Enter a Product Name to be displayed on RUN screen if desired.
18) Set the Flow Meter Cal

   NOTE:
   - *Flow Meter Cal will be set in all the modules assigned to product 1.
     They may also be set in Module Setup Screen and each module will
     have to be set seperately.*

19) Set Spacing between flow meters. This is needed to display GPA (LPH).
20) Set the Averaging Seconds

   NOTE:
   - *Averaging Seconds will determine how long the data will average
     before making a screen change on the bar graphs. Increasing this
     number can smooth out displayed date. But will put a lag on changing.*
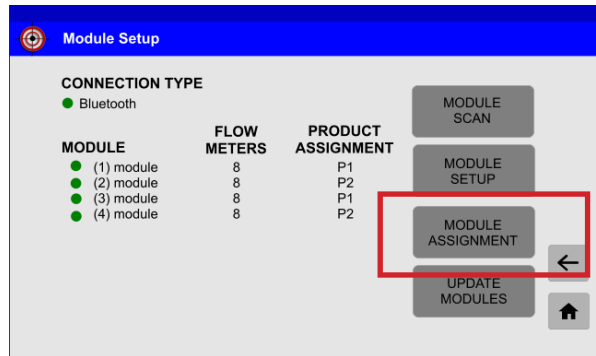
Product Setup Screen

21) Enable Product 2 if installed.

NOTE:
- Second product must be installed
- Before PRODUCT 2 can be setup, modules will have to be assigned
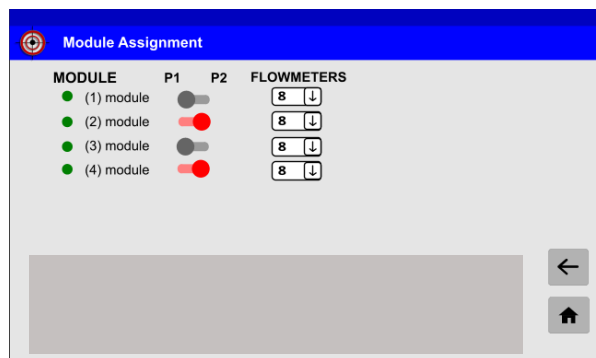
TOOLS SCREEN

22) Select [MODULES INFO/SETUP] tab.

MODULE SETUP SCREEN

23) Select [MODULE ASSIGNMENT] tab.

MODULE ASSIGNMENT

24) Assign the modules to products they are connected to.

NOTE:
- *- P1 is Product 1*
- *- P2 is Product 2*
- *- Number of flow meters per module can also now be selected on this page*

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25) Return to Product Setup Screen

Product Setup Screen

26) Select what is to be displayed on run screen GPM (GPH) or GPA (LPH).
27) Select the TARGET RATE.
28) Select the [PRODUCT 2 SETUP]

Product 2 Setup Screen

29) Enter a Product Name to be displayed on RUN screen if desired.
30) Set the Flow Meter Cal

NOTE:
- *Flow Meter Cal will be set in all the modules assigned to product 1. They may also be set in Module Setup Screen and each module will have to be set seperately.*

31) Set Spacing between flow meters. This is needed to display GPA (LPH).
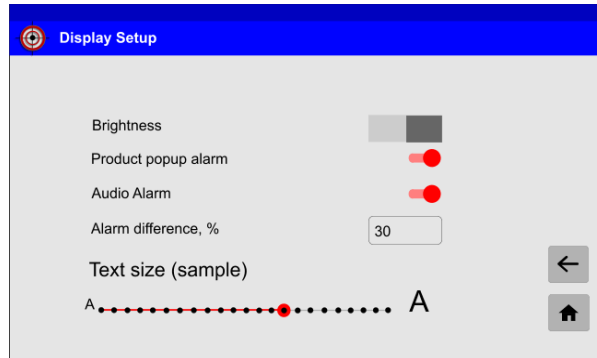32) Set the Averaging Seconds

NOTE:
- *Averaging Seconds will determine how long the data will average before making a screen change on the bar graphs. Increasing this number can smooth out displayed date. But will put a lag on changing.*
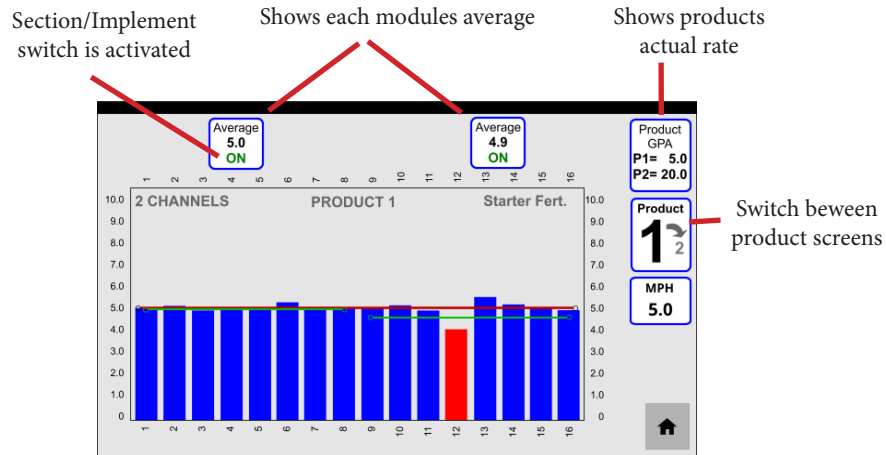
The quick setup is now complete!

OTHER SCREENS AND INFORMATION

Display Setup Screen

- Brightness   Quick switch between night and day settings

- Product popup alarm   Will display a warning on screen if a flow meter or
                                        product is off rate.

- Audio Alarm   Will sound an audio alarm if a flow meter or product
                                        is off rate.

- Alarm Difference, %   Is the percentage the rate has to be off before a alarm
                                        will come on.

- Text Size Slider   The slider will change the Information boxes and text
                                        on the main RUN screen.

Run Screen

Section/Implement switch is activated

Shows each modules average

Shows products actual rate

Switch beween product screens

NOTE:
- *The Red line in the center of the screen is your entered target rate.*
- *The Green lines are the average for each module.*
- *Press on the Product P1 / P2 display in the upper right had corner will take you directly to the Product Setup Screen.*
- *Press the Speed display will direct to the Speed Setup page. Speed source is a input from the monitors built in GPS.*

Trouble Shooting

Issue	Possible Problem	Solution
Monitor does not power up	- Dead battery - No power on cable - Blown fuse - Not seated in cradle correctly	- Connect 12V DC cable to charge monitor. - Check connections at power source. - Check for continuity on 10 amp fuse. - Re-insert monitor in cradle an make sure that it snaps all the way in.
Monitor turns off after 10 seconds of beening on	- Dead battery - Power Settings - No power to cable or cradle	- Connect 12V DC cable to charge monitor. - Change power down setting Instructions on page 2. - Check cabling and connections at power source.
Modules not found	- No Power to modules - Corrosion in connections - Low Power Voltage - Bad Communication - No Terminator	- Verify that there is 12V power and ground to module. - Check for continuity on 10 amp fuse. - Disconnect and clean the connections. - Varify at least +10V DC at module. - Re-power system. - Make sure Terminator is installed at end of last cable connection.
Lossing Bluetooth	- No Antenna - Obstruction of signal - Signal lose - No Power - Blown fuse	- Check that antenna is connected. - Move wireless module closer or insight. - Restart App to reactivate bluetooth . communication. - Check Power Connections. - Check for continuity on 1 amp fuse in wireless harness.

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OnSite FMS
(Software Version 1.0.91)
Quick Setup Guide
Rev 0121