



## *Quick Start Guide*

# *Coherent WiFi Module*

This guide includes:

- Step-by-step instructions for connecting the WiFi Module to tablets via Direct WiFi. (p. 2)
- Instructions for setting up the LabMax-Pro Mobile application to use the WiFi Module for both iOS and Android devices. (p. 5)
- Performing a factory reset. (p. 7)



Thanks for purchasing the Coherent WiFi Module - the fastest and easiest way to get Wired Serial connectivity from the LabMax-Pro meter into your Apple iPad or Android device via WiFi. The WiFi Module has been designed to work seamlessly with the Coherent LabMax-Pro Mobile application available from the Apple iTunes App store Google Play Store.

### **WiFi Module Features**

The WiFi Module has the following supported features

- Presents WiFi Direct connection to the Coherent LabMax-Pro Mobile application
- Bridge corporate Wired and Wireless networks together to offer a "Pseudo-wire" Ethernet connection between the Coherent LabMax-Pro Mobile application and LabMax-Pro SSIM.
- Fully configurable Wireless security, IP routing and IP Addressing
- Integrated 1800 mAh Lithium battery offers 5+ hours of operation, or can operate on external USB DC power via supplied micro-USB charging cable

## Package Contents

Your WiFi Module package includes: 1 x WiFi Module and 1 x White Micro-USB Charging Cable

## Quick Setup

Getting setup with the WiFi Module is easy - the WiFi instructions are also printed on the back of the unit.



### Step 1:

Power on the WiFi Module by sliding the Off/Charge/On slider to the "R" position. The WiFi Module takes about 20 seconds to boot. The light on the top will transition from Red to blinking Blue. Once the light has been blinking blue for about 10 seconds the WiFi Module is fully operational.

Do NOT use the C position to charge up your WiFi Module. Use the R position or Off Position to charge up the WiFi Module's internal battery.



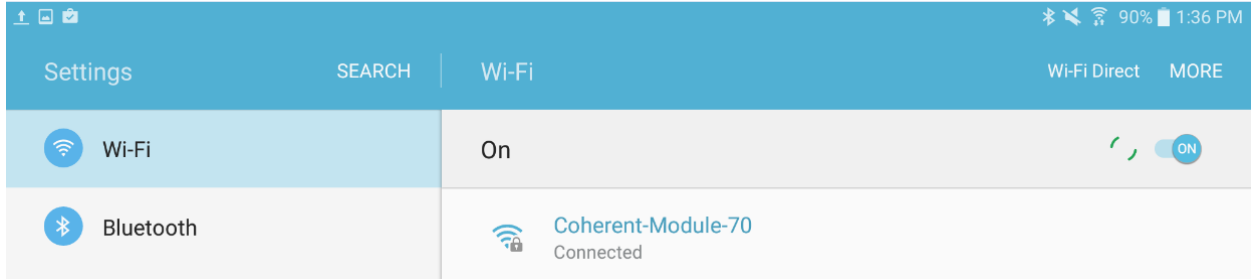
### Step 2:

Connect the USB Type A port on the WiFi Module to the mini USB port on the Coherent LabMax-Pro SSIM meter using cable part number #1108906, or by using any other USB Mini Type-B Male to USB Type-A Male cable.

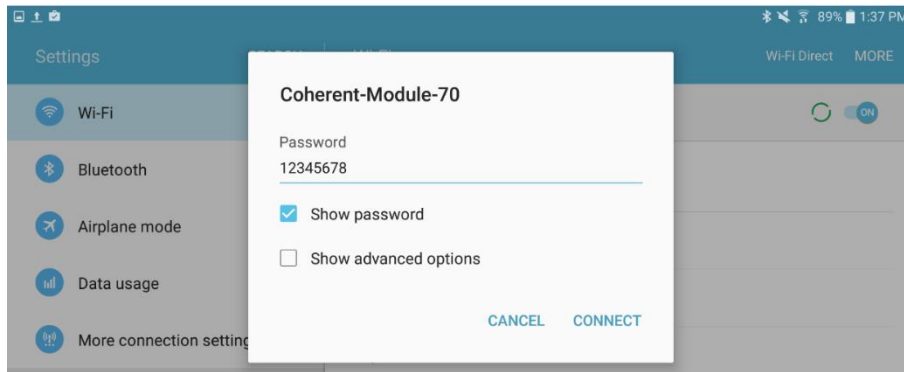
Step 3:

### WiFi Operation

Join your mobile/PC to the Coherent WiFi Module WiFi network.



If your device asks for a password, the default password is 12345678. To do this go to your iOS or Android device settings page, select WiFi and Choose the Coherent-Module-[XX] network.

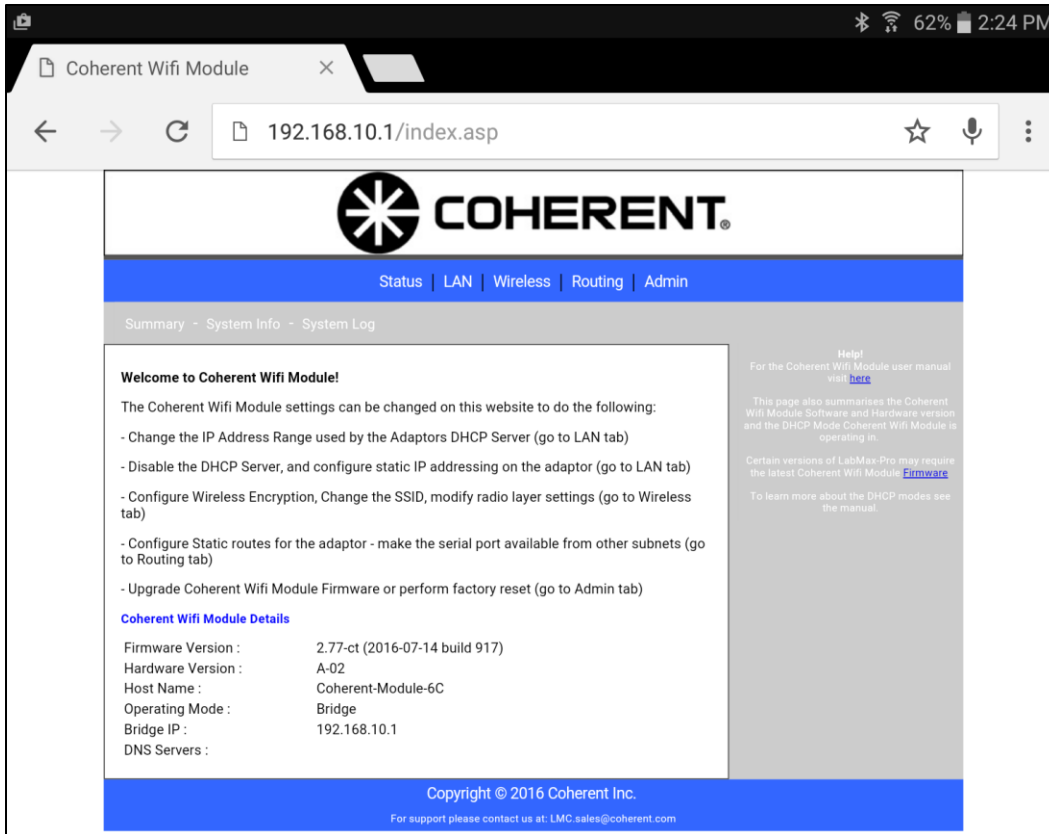


By default WiFi Module acts as a DHCP server so will give an IP address to your iOS/PC/Android device on the 192.168.10.X network.

By default, the WiFi Module DHCP Server does not provide a default gateway. This means that while connected to the WiFi Module's network, the mobile device will not retain Internet access.

However, in this mode the WiFi connection icon in iOS and Android may stay "spinning" rather than change to a tick. This is Normal. The WiFi Module will still be connected to the iOS/Android device, and is usable from the Coherent LabMax-Pro Mobile App.

You can change all WiFi Module settings by visiting the web address <http://192.168.10.1/> (username: admin; password: admin) using the web browser on the connected mobile device.



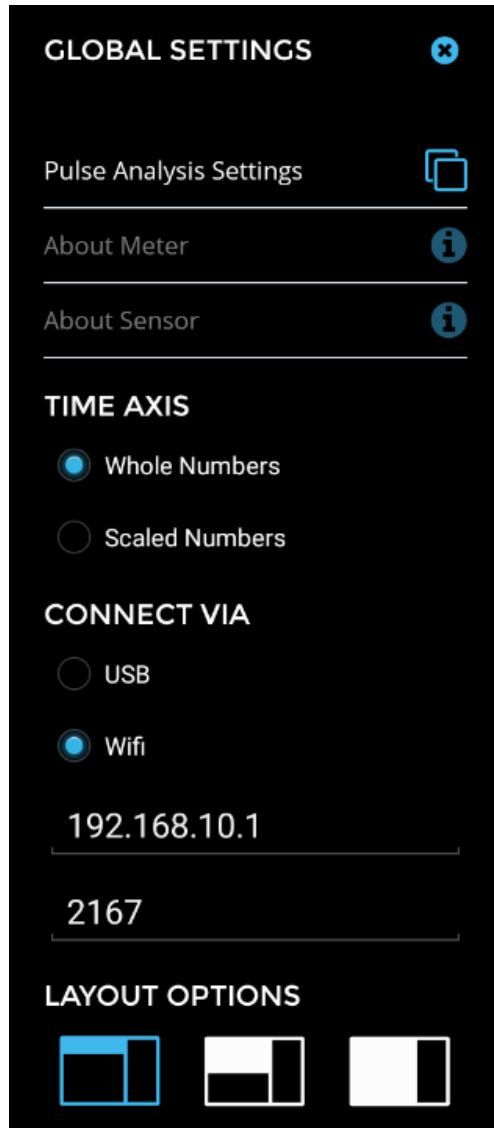
Step 4:

Launch the Coherent LabMax-Pro SSIM App and follow instructions on the next two pages for Android and iOS devices.

### Connecting to WiFi Module with Android device

- Establish a WiFi connection to the WiFi/Ethernet module's WiFi network. Default WiFi network password: 12345678
- Configure the application to use WiFi.
- Set the hostname to match the WiFi IP address if it has been changed by the user. Default IP address: 192.168.10.1

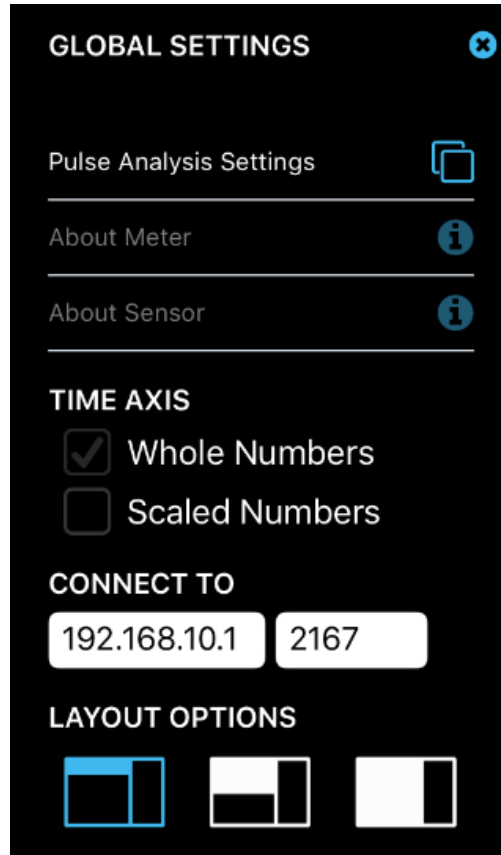
(The port setting defaults to 2167 and should not be changed for a direct WiFi connection.)



### Connecting to WiFi Module with iOS device

- Establish a WiFi connection to the WiFi/Ethernet module's WiFi network. Default WiFi network password: 12345678
- Set the hostname to match the WiFi IP address, if it has been changed by the user. Default IP address: 192.168.10.1

(The port setting defaults to 2167 and should not be changed for a direct WiFi connection.)



## Factory Reset

In the event the WiFi Module becomes unresponsive, a factory reset is possible. This will return the device to WiFi direct mode and will return all settings back to factory defaults including usernames and passwords.

To perform a factory reset:

- 1) Turn on the WiFi Module and insert the end of a paperclip into the small hole labeled with “R” and highlighted below. Push the paperclip until you feel a button toggle inside.
- 2) After the button is pressed the flashing blue light on top of the WiFi Module will turn solid blue for several seconds, then it will turn off for several seconds, then it will flash again.
- 3) The WiFi Module is now ready for use with factory default settings.



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