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**MIRION**  
TECHNOLOGIES

Health Physics  
Division

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# WRM Configuration Studio

## Quick Start Guide



## **WRM Configuration Quick Start Guide**

### *Quick Start Guide — Rev 0*

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Comments and corrections may be sent to:

Mirion Technologies (MGP Instruments, Inc.)  
Suite 150  
5000 Highlands Parkway  
Smyrna, Georgia 30082

**Revision Log for User's Guide**

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<b>Index/Date Written by</b>	<b>Modified pages of this document</b>	<b>Origin and designation of the modification(s)</b>
Revision 0, March 16, 2010 Jeff Bierlink, MGPI	All	Original version for Version 1.1.0.94

# 1. Preparation

## 1.1 *Remove battery from an iPAM*

## 1.2 *Connect the iPAM*

- Connect the iPAM with the supplied cable to an external AC powered USB Hub attached to your computer.

## 1.3 *Install USB Driver*

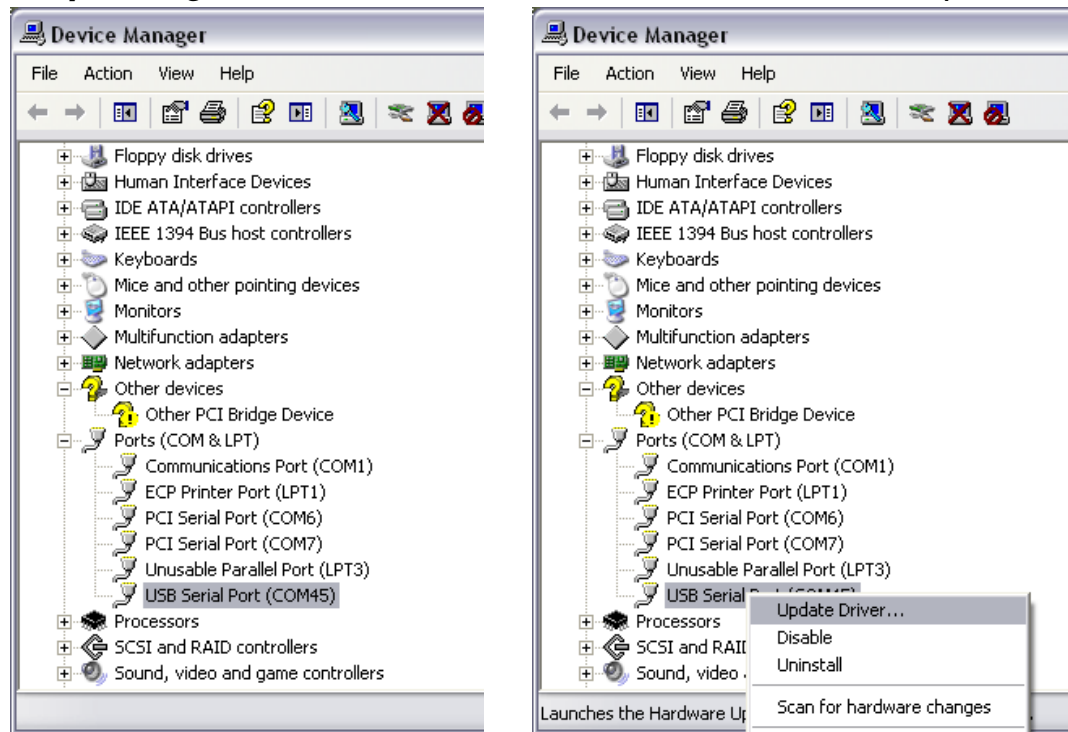
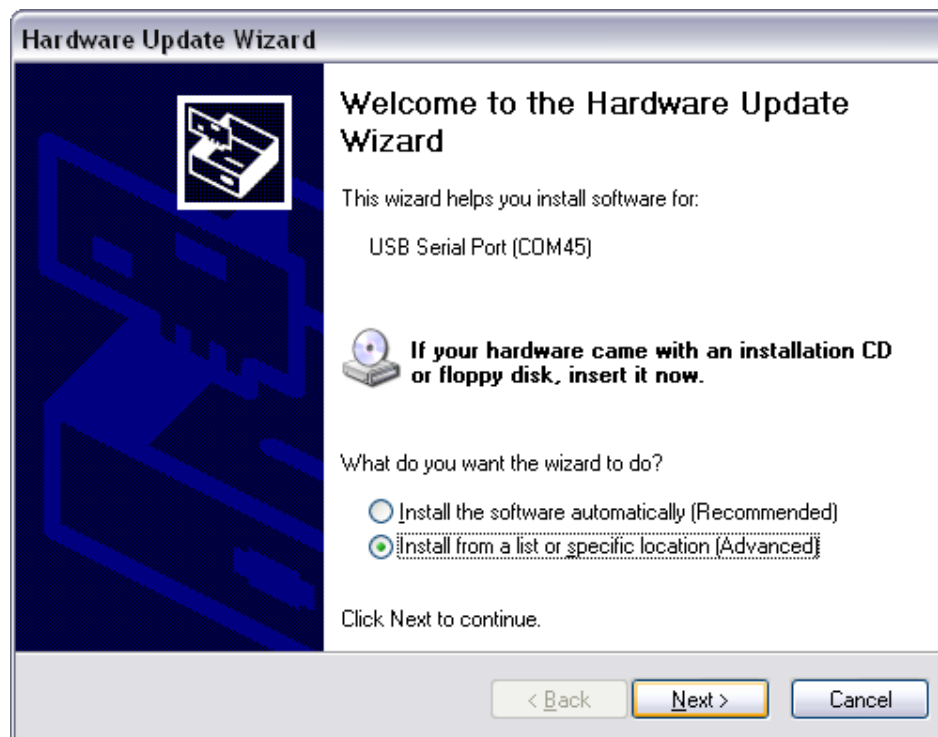
- *Windows XP and newer Windows operating systems do not require a separate USB Driver for an iPAM. However, it is recommended that you install the iPAM USB driver for consistency.*

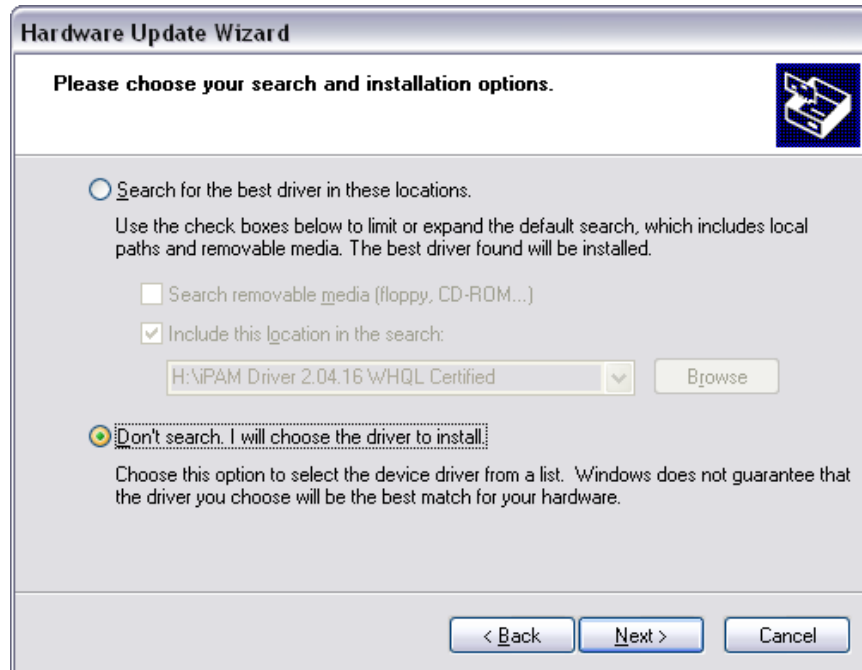
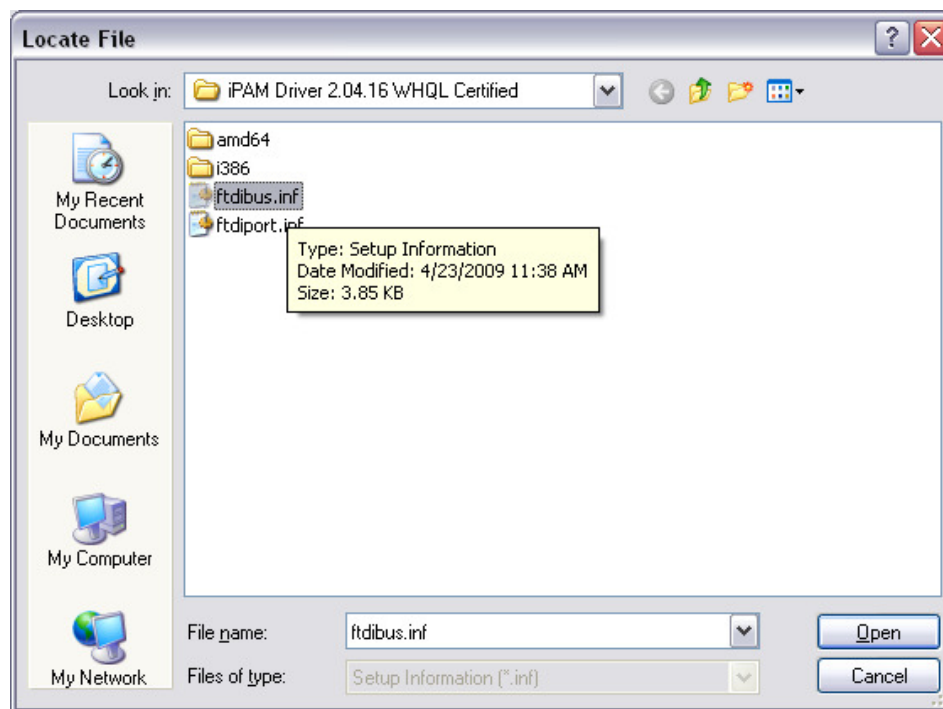
- *If you will be plugging in only one iPAM at a time the driver needs to be installed only once*

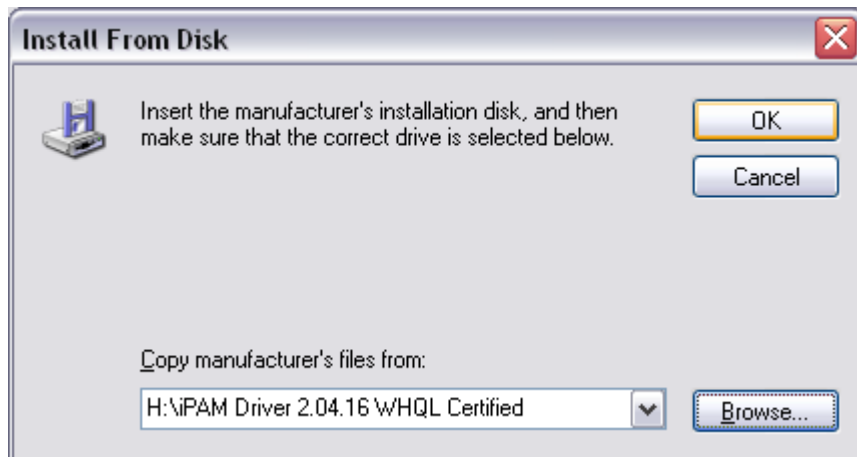
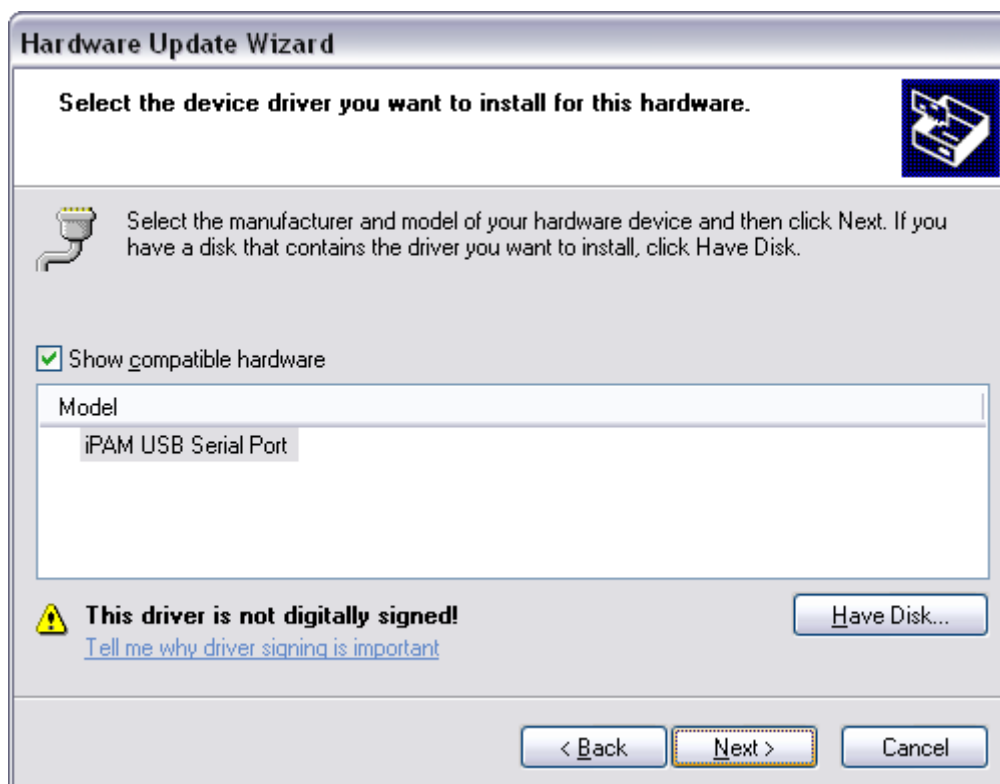
- *For Windows 2000 and earlier versions of Windows operating systems, a Hardware Update Wizard will be automatically displayed. Otherwise, follow the following steps:*

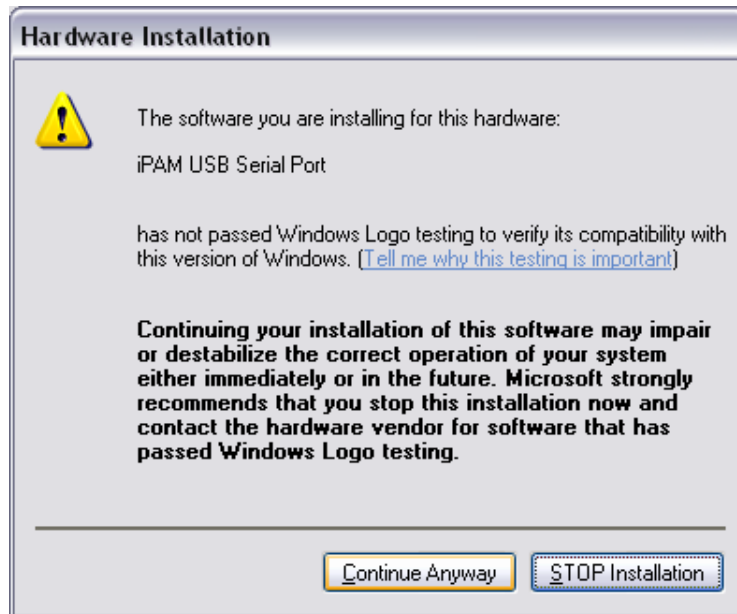
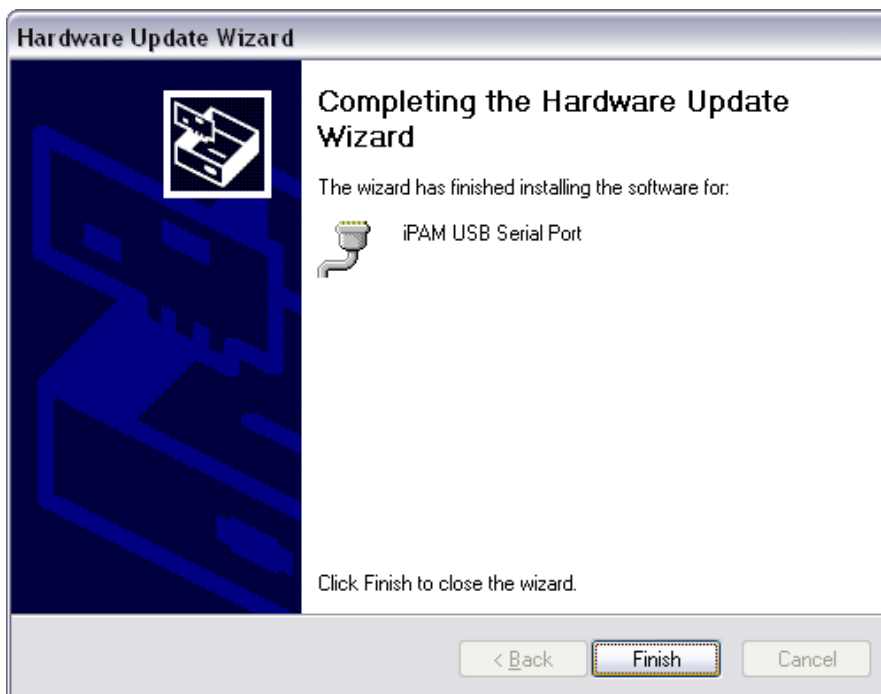
*For Windows 2000 and earlier skip to setup C*

**Step A.** *Navigate to the Device Manager (Right-Click on the My Computer and select Properties. Under the Hardware tab, select Device Manager)*

**Step B. Right-Click on the USB Serial Port, and select Update Driver...****Step C. Select Install from a list or specific location, click Next**

**Step D.** Select "Don't search. I will choose the driver to install."**Step E.** Click on Have Disk, navigate to the provided driver folder and select "ftdibus.inf"

**Step F. Click OK****Step G. Click Next**

**Step H. Click Continue Anyway (if prompted)****Step I. Click Finish**

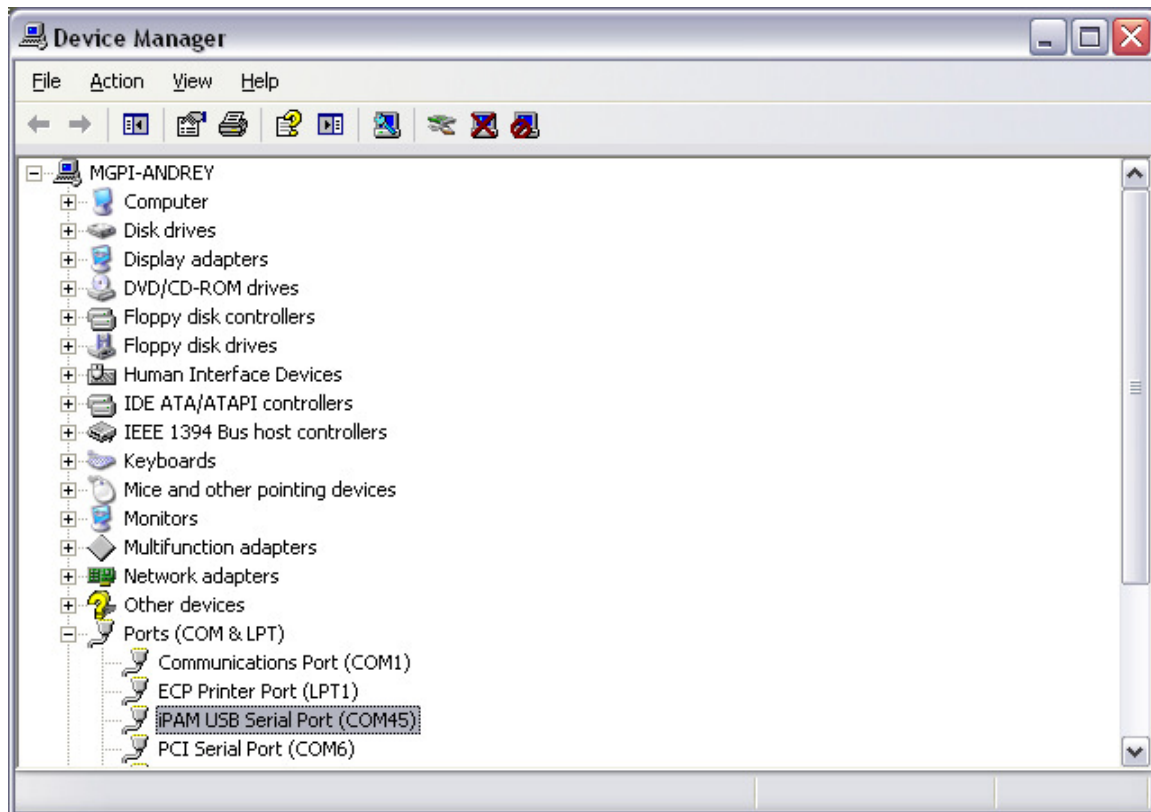
*Note: In some instances another dialog box will come up to specify an additional driver go back to Step C, and in Step E specify "ftdiport.inf"*



## ***1.4 Install WRM Configuration Studio Software***

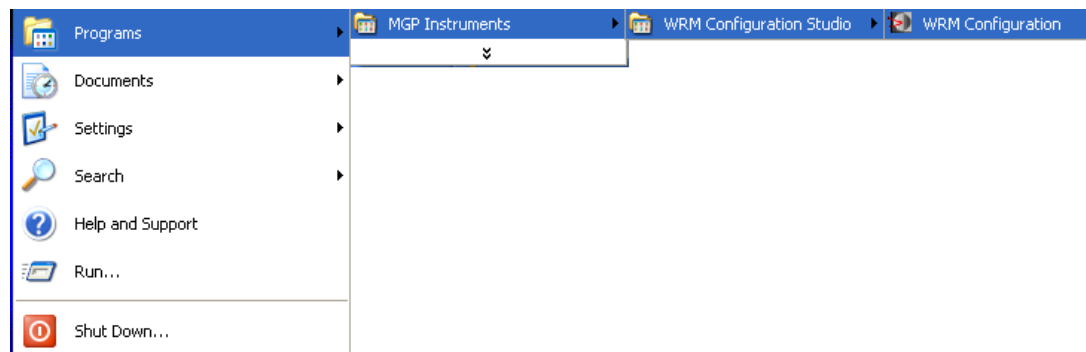
## ***1.5 Identify Serial Communication port number***

- In the Device Manager locate the iPAM USB Serial Port, and the COM port # associated with it.



## ***1.6 Launch the WRM Configuration Studio application***

- Select WRM Configuration from the start menu



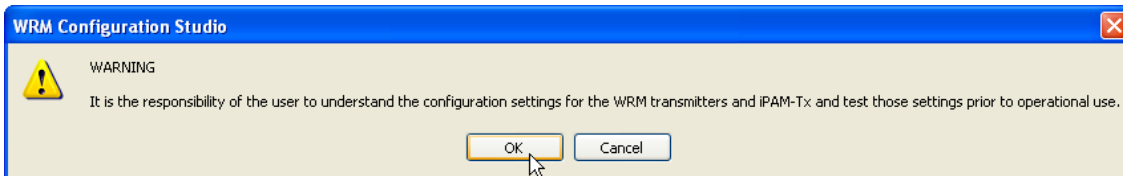
## 1.7 Initial login Procedure

- Login screen  
User name: Admin  
Password: leave the field blank (default value)
- Select OK to login



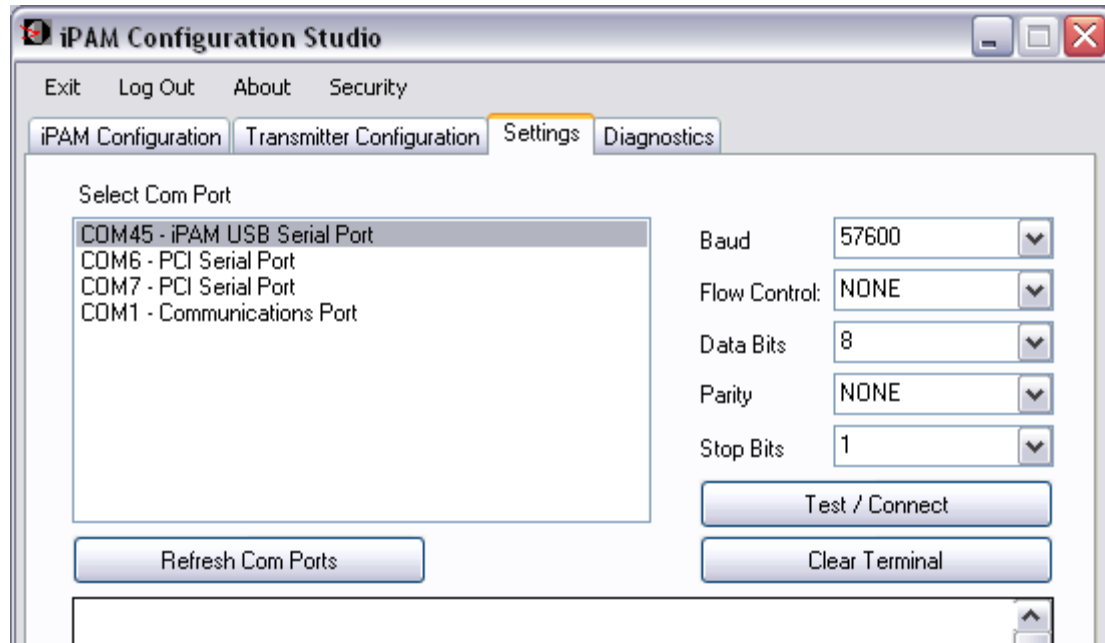
## 1.8 Warning Screen

- Read the warning screen and select ok to continue.



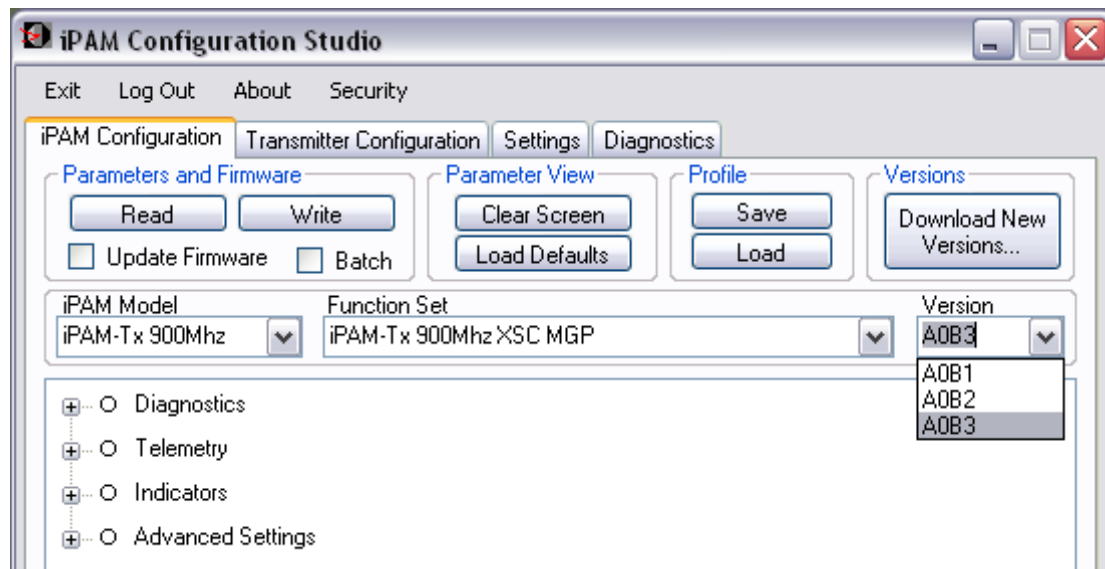
## 2. Set-up for Firmware Loading

### 2.1 Open Settings Tab and select the iPAM USB Serial Port from the list

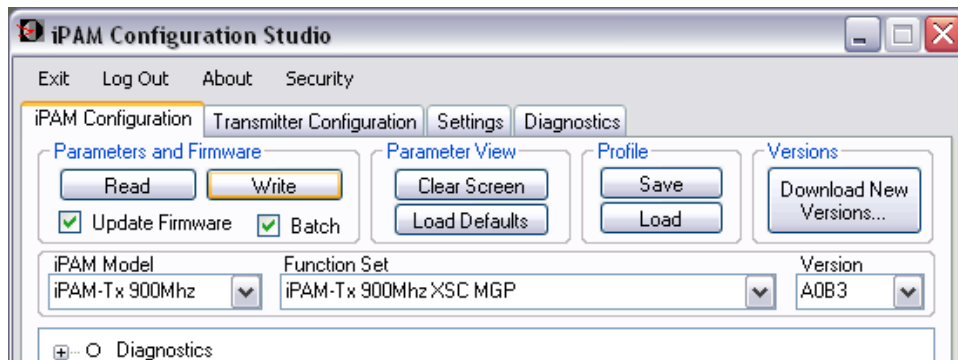


### 2.2 Go to iPAM Configuration tab and click Read. Verify that the Parameters were read successfully.

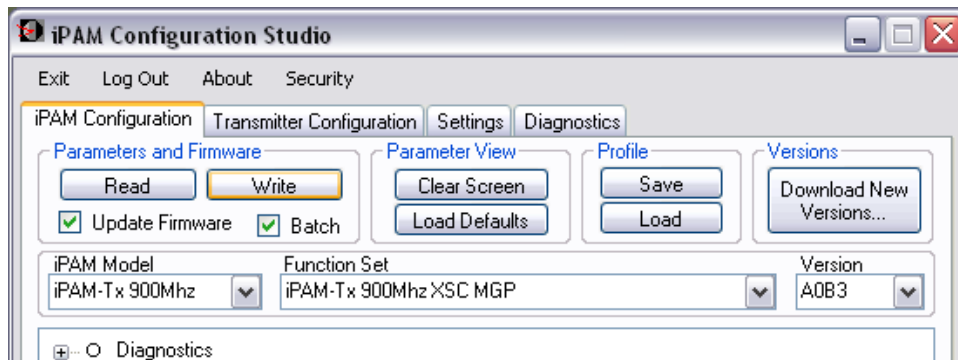
### 2.3 From the version drop down list select the latest firmware



## 2.4 Parameter View - Click the "Load Defaults" button



## 2.5 Parameters and Firmware - check Update Firmware, and check Batch.



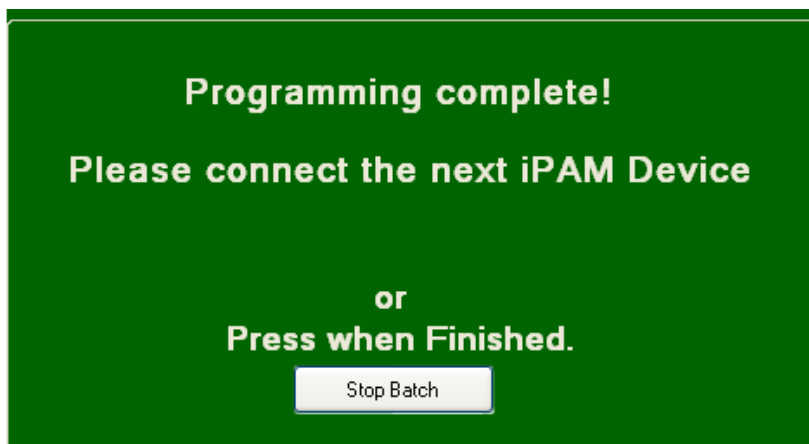
## 3. Initiate Firmware Loading Sequence

### 3.1 Click Write

### 3.2 Follow On-screen Instructions

***Note: You will be prompted to disconnect and connect each iPAM to complete programming. Only one disconnect/reconnect should be required.***

***3.3 Upon completion of the programming you will be prompted to connect the next iPAM. Click Stop Batch when finished.***



**Note:** Each time you connect the iPAM to the USB cable the iPAM should do a power on self test. If the test does not occur as expected, disconnect and reconnect the iPAM at which time you can expect a successful self test.