

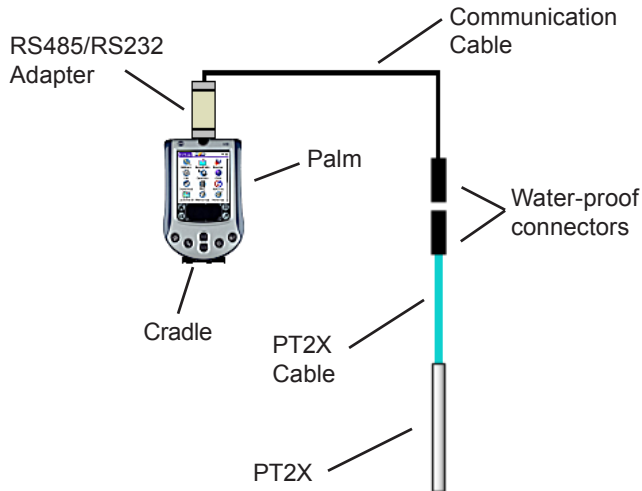


Getting Started Guide

AquiStar® PT2X Smart Sensor & Aqua4Palm Software

Connecting the PT2X to a Palm®

The PT2X cable is terminated with a round water-proof connector. Connect this to Palm® using the communication cable, as shown below.



Installing and Starting the Aqua4Palm Software

Installing:

If you purchased/rented a kit including a Palm®, the Aqua4Palm program has been pre-installed, and you may skip to *Starting Aqua4Palm*, below. To install on your Palm®, follow the steps below:

1. Place the memory card in the Palm®.
2. After placing the card in the Palm®, the following screen will be displayed:



3. Tap the icon to install.
4. Once installation is finished, tap the Home button (at bottom of Palm®) to return to the main menu.

Starting Aqua4Palm:

1. To start Aqua4Palm, tap the icon.

Getting Started with Aqua4Palm

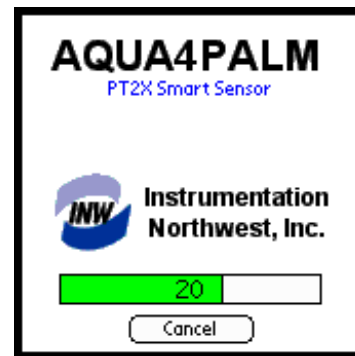
How to Scan for Sensors:

When you start the Aqua4Palm program, it automatically scans for all connected sensors. To rescan at any time, navigate to the Sensor Form, tap the down-arrow next to the sensor name in the upper right corner, and then tap Rescan Sensors. If no sensors had been detected earlier, simply tap Rescan Sensors.

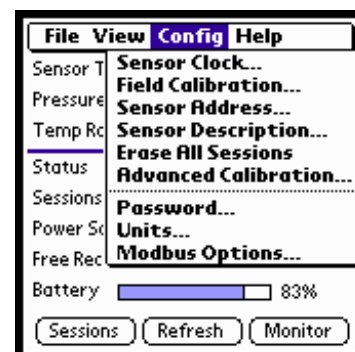
How to Configure the PT2X Smart Sensor:

From the Sensor Form:

- ▶ Tap the menu button to display the Sensor Form Menus.
- ▶ Tap on the Config menu.
- ▶ The following configuration items are available. (Details for each can be found in the User Dialog Box section of the *Aqua4Palm Software Instruction Manual*.)
 - ◆ Sensor Clock
 - ◆ Field Calibration
 - ◆ Sensor Address
 - ◆ Sensor Description
 - ◆ Erase All Sessions
 - ◆ Advanced Calibration
 - ◆ Password
 - ◆ Units
 - ◆ Modbus® Options





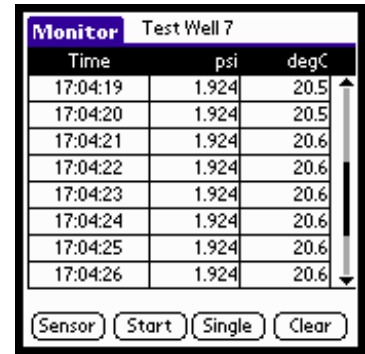
Scanning for Sensors



Sensor Form | Configuration Menu

How to Run the Real Time Monitor:

- ▶ To open the Real Time Monitor:
 - ◆ From the Sensor Form, tap the Monitor Button.
- or
- ◆ From the Session Form, tap the menu button , tap View, and then tap Real Time Monitor.
- ▶ To Operate the Real Time Monitor:
 - ◆ Tap either the Start button or the Single button. Start will display 60 readings, and then stop. Single will display one reading.
 - ◆ To stop readings at any time, tap the Stop button.
- ▶ To toggle between the listing view and the meter face view, tap the menu button , tap File, and then tap Meter Face.



Time	psi	degC
17:04:19	1.924	20.5
17:04:20	1.924	20.5
17:04:21	1.924	20.6
17:04:22	1.924	20.6
17:04:23	1.924	20.6
17:04:24	1.924	20.6
17:04:25	1.924	20.6
17:04:26	1.924	20.6

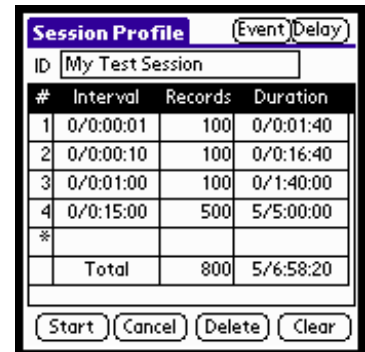
Sensor Start Single Clear

Real Time Monitor Form

How to Create a Test Session:

From the Session Form:

- ▶ Tap the New button. This will open the Session Profile Form.
- ▶ Enter a test session name.
- ▶ Define your test. (Details, see *Aqua4Palm Software Instruction Manual*.)
- ▶ Tap the Start button.



#	Interval	Records	Duration
1	0/0:00:01	100	0/0:01:40
2	0/0:00:10	100	0/0:16:40
3	0/0:01:00	100	0/1:40:00
4	0/0:15:00	500	5/5:00:00
*			
Total		800	5/6:58:20

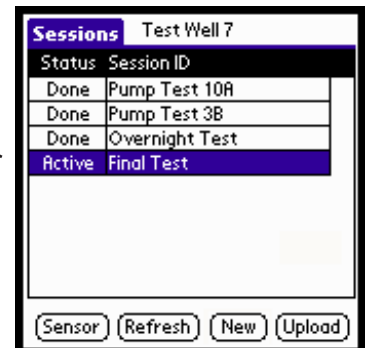
Start Cancel Delete Clear

Session Profile Form

How to Upload Data from the Sensor:

From the Session Form:

- ▶ Tap the session you want to upload.
- ▶ Tap the Upload button.
- ▶ Rename the file, if desired.
- ▶ Tap the Upload button.




Status	Session ID
Done	Pump Test 10A
Done	Pump Test 3B
Done	Overnight Test
Active	Final Test

Sensor Refresh New Upload

Sessions Form

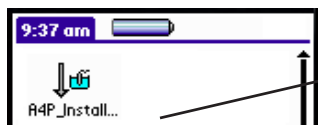
How to View Uploaded Data:

From either the Sensor Form or the Session Form:



- ▶ Tap the menu button .
- ▶ Tap File.
- ▶ Tap Open Uploaded Data.
- ▶ Tap on the file you want to open.
- ▶ Tap on the Open button.

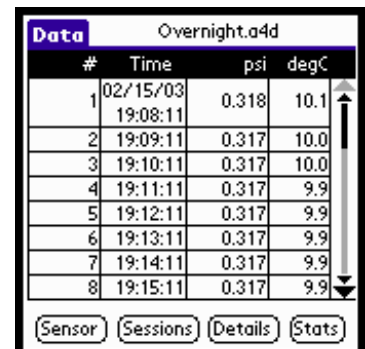
How to Transfer Data to a PC:

- ▶ Remove the memory chip from the Palm®.
- ▶ Insert the memory chip in the card reader attached to the PC.
(See instructions with the reader for details on installing and using the reader.)
- ▶ Copy the data files from the memory card to the PC, using Windows Explorer or My Computer.
- ▶ **View data files and/or export to spreadsheets using Aqua4Plus on your PC.**
(See Aqua4Plus Instruction Manual for details.)
- ▶ When finished, replace the memory card in the Palm®.
- ▶ After placing the card in the Palm®, the card will be displayed on the screen, as shown below.



DO NOTHING with this screen!

- ▶ Tap the Home button  (at the bottom of the Palm®) to return to the main menu.
- ▶ To Start Aqua4Palm, tap the  icon.



#	Time	psi	degC
1	02/15/03 19:08:11	0.318	10.1
2	19:09:11	0.317	10.0
3	19:10:11	0.317	10.0
4	19:11:11	0.317	9.9
5	19:12:11	0.317	9.9
6	19:13:11	0.317	9.9
7	19:14:11	0.317	9.9
8	19:15:11	0.317	9.9

Sensor Sessions Details Stats

Data Form

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