

Avery Weigh-Tronix Manual Usb Hid Opos Installation

Introduction

This document is intended for OPOS users how have experienced some difficulties with our automated installer. This document is not intended for the casual pc user.

These instructions assume you have access to the files by ripping them from the installation files.

Manual Usb Hid OPOS Driver Installation

Login

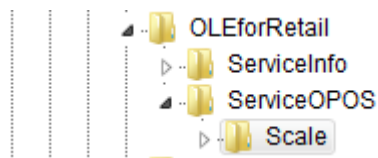
Make sure you are logged in as Administrator.

Registry

We are going to create a new scale profile, this is done from the registry

For 32 bit users navigate to HKEY_LOCAL_MACHINE\SOFTWARE and create the following tree.

For 64 bit users navigate to HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node and create the following tree.



To create the profile create a new key under "Scale" called "zp900" and set the Default value to "ZP900_SO_Driver.ScaleSO".

Under zp900 add a new String value called "Description" and set the value to "Manually entered OPOS profile".

Under "zp900" create a new string value called "ServiceObject" and set the value to "ZP900 SO Driver.dll".

And that's it.

Copy Drivers

For a 32 bit pc, copy "ZP900 SO Driver.dll" into "Program Files\Common"

For a 64 bit PC, copy "ZP900 SO Driver.dll" into "Program Files(x86)\Common"

Copy Test Harness

For a 32 bit PC

Create a new directory "Program Files\Avery Weigh-Tronix\ Usb Hid Test Harness"

Copy the following files into this location:

AxInterop.OposScale_1_6_Lib.dll

Interop.OposScale_1_6_Lib.dll

OPOSScale.ocx

WTSaleSO Test.application

WTSaleSO Test.exe

And create a shortcut to on your desktop to the exe.

For a 64 bit PC

Create a new directory "Program Files(x86)\Avery Weigh-Tronix\ Usb Hid Test Harness"

Copy the following files into this location:

AxInterop.OposScale_1_6_Lib.dll

Interop.OposScale_1_6_Lib.dll

OPOSScale.ocx

WTSaleSO Test.application

WTSaleSO Test.exe

And create a shortcut to on your desktop to the exe.

Register Assembly

For a 32 bit PC

Open a command console window at "C:\Windows\Microsoft.NET\Framework\v2.0.50727".

Enter command `regasm "C:\Program Files\Common Files\ZP900 SO Driver.dll" /register /codebase`

This should say the assembly has been successfully registered.

For a 64 bit PC

Open a command console window at "C:\Windows\Microsoft.NET\Framework\v2.0.50727".

Enter command `regasm "C:\Program Files(x86)\Common Files\ZP900 SO Driver.dll" /register /codebase`

This should say the assembly has been successfully registered.

Testing

Run the desktop shortcut we created this should open up the old serial test harness "WTSaleSO Test".

Where it says Scale Profile enter "zp900".

With no scale connected click on Connect and we should see something like

The screenshot shows the 'WTSaleSO Test' application window. It contains several sections for configuring a scale:

- Control Object:** Description: 'OPOS Scale Control 1.6.000 [Public, by CRM/RCS-Dayton]', Version: '1006000'.
- Service Object:** Description and Version fields are empty.
- Device:** Description and Name fields are empty.
- Status:** A text area displays: 'Open returned: 101', 'OpenResult code: 101', 'Open Service Object: FAIL', 'Claim Device: FAIL', 'Device Enabled: FAIL'. Below it is a 'Clear' button.
- Scale Profile:** A text field contains 'zp900'.
- Scale Data:** Includes a checkbox for 'Accept 0.00 weight' (unchecked), an empty text field, and buttons for '>0<' and 'Read Weight'.

At the bottom, there are 'Connect' and 'Disconnect' buttons, and the 'Avery Weigh-Tronix' logo.

If we are getting this far all is well and with a scale connected everything should go just fine.

If the status Open return 109 then it can't find the profile in the registry.

If the status Open returns 104 then it can't find the dll so its either in the wrong place or there was an error registering the assembly.