Setting up the Weightronix Scale Indicator

(for Wayfair 210L Inbound Scanning System, using the Advantech PC with standard Cubiscan Image)

Synopsis

1 - Check PC IP addresses for Ethernet Port B

2 - Set PC IP addresses for Ethernet Port B

3 - Transfer Config file to Indicator
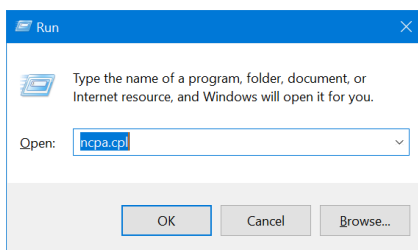
4 - Calibrate the Scale

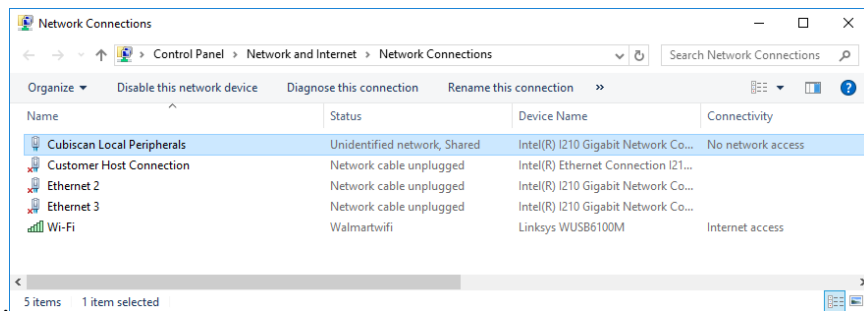## Method

1 - Check PC IP addresses for Ethernet Port B

We will make sure the **Cubiscan Local Peripherals** network connection includes the subnet for the **Scale Indicator** default IP address.

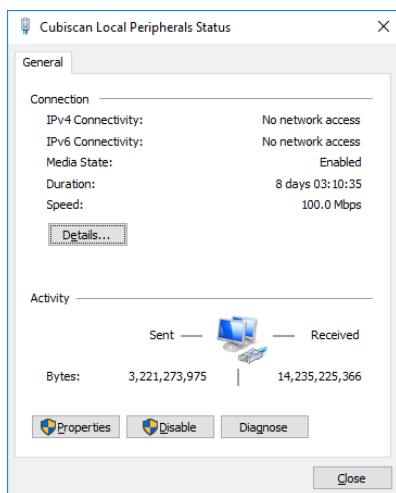On the ***Advantech PC*** Make sure the ***Cubiscan Local Peripherals*** cable is plugged into ***Ethernet Port B***.
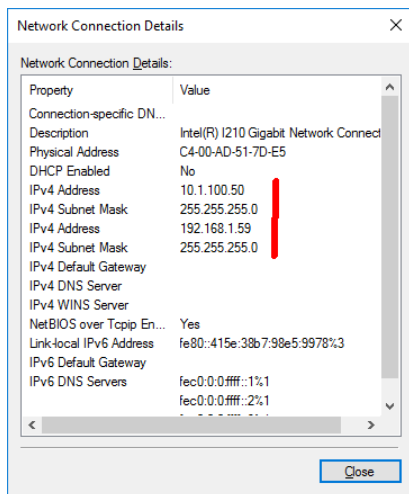
Type **[Win]+[R]** to open the ***Run*** dialog.

Then, type `ncpa.cpl[Enter]` to open the ***Network Connections*** dialog.

Double-click the entry that corresponds to *Ethernet Port B*, which should be called **Cubiscan Local Peripherals**. This will open the **Status** dialog for that connection. (If a cable is not connected to Port B, the *Properties* dialog with open instead.)
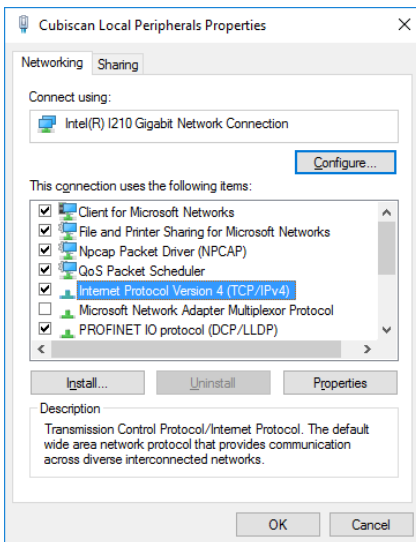

Click **[Details]**

The indicated lines show the configured IP addresses for this Ethernet port. If they are exactly as shown here, click **[Close]** and continue to **3 - *Save Configuration to Scale Indicator***.
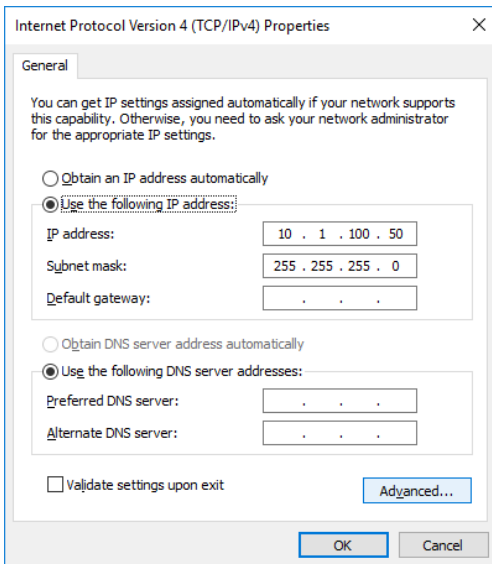
2 - Set PC IP addresses for Ethernet Port B

(Continued from Step 1)
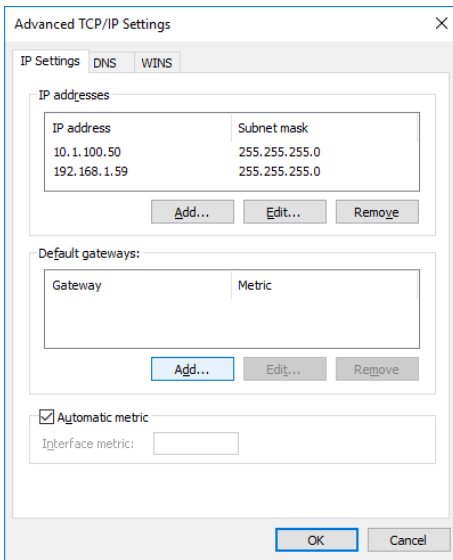
Click *[Close]* on the **Network Connection Details** dialog, then click *[Properties]* on the *Network Status* dialog to open the *Properties* dialog for this connection.

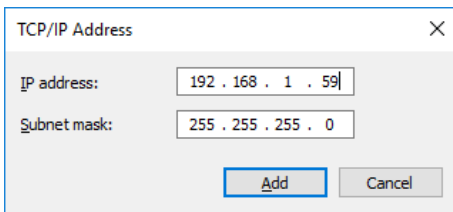Double-click **Internet Protocol Version 4 (TCP/IPv4)** to open the **Properties** dialog.

Click *[Advanced]*

Under *IP addresses*, if there is an entry for **192.168.1...**, close all the network-related dialogs and proceed to step *3 – Transfer Config file to Indicator*.

Otherwise, click *[Add…]*

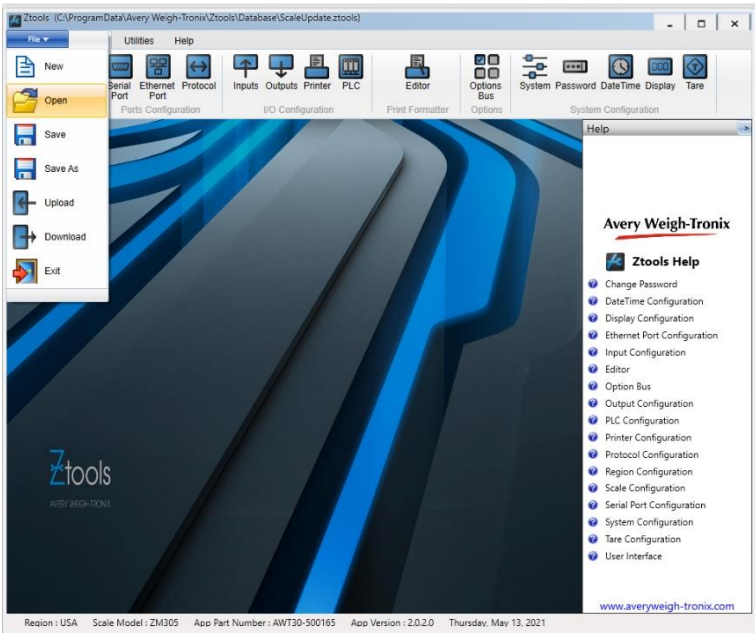Enter **192.168.1.59**. for *IP address* and **255.255.255.0** for the *Subnet mask*. Click *[Ok]*
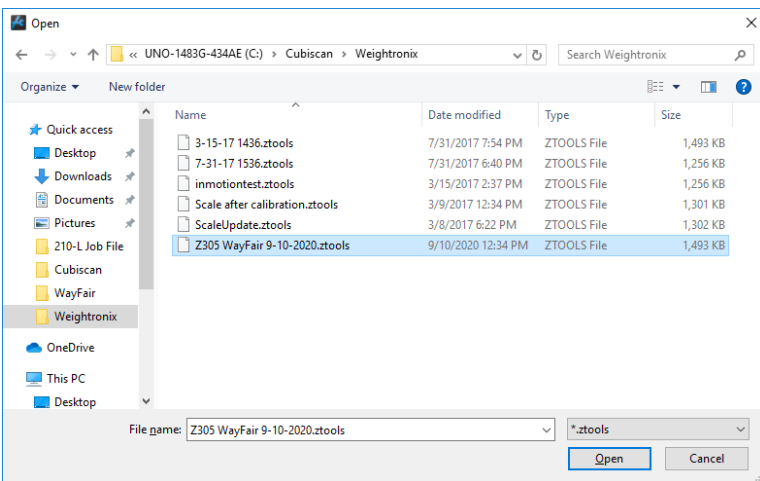
Close all the network-related dialogs.

3 - Transfer Config file to Indicator

There is a configuration file for the Scale Indicator (probably stored on the Advantech PC) that contains most of the settings we will need (i.e. for Wayfair). We will load the configuration file into ZTools and then transfer the settings to the Scale Indicator.
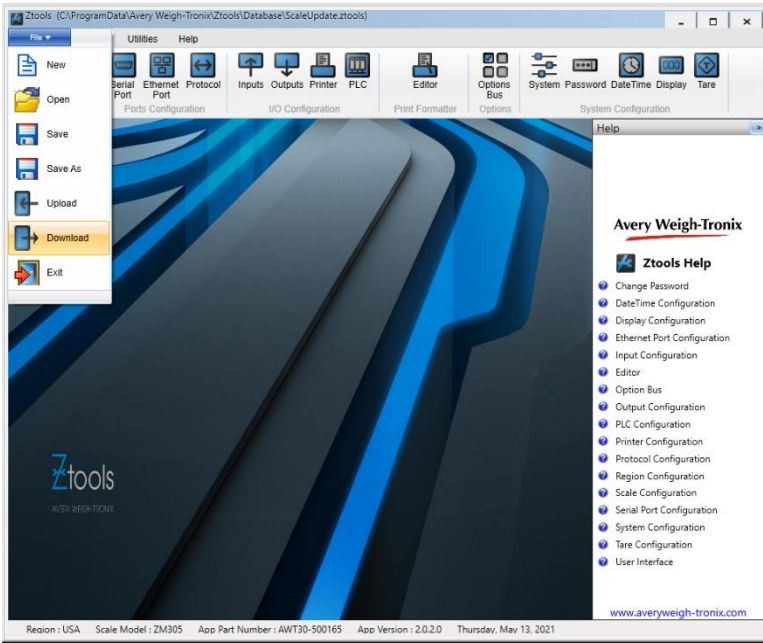
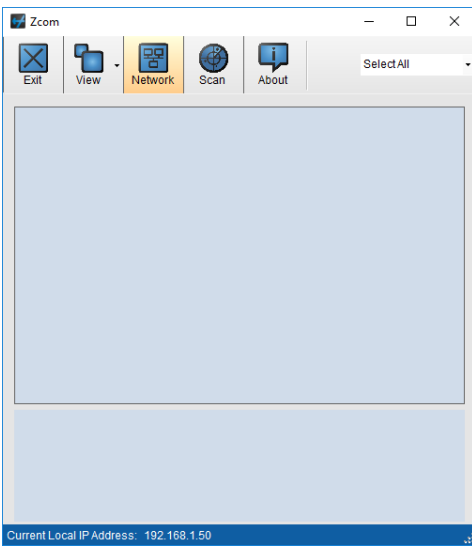Using the **Advantech PC**, open the pre-installed *ZTools* app.

Click *File*, *Open*.

Choose the appropriate (Wayfair) config file, which may exist in the **\Cubiscan\Weightronix** folder.
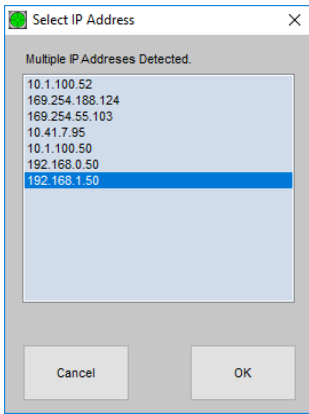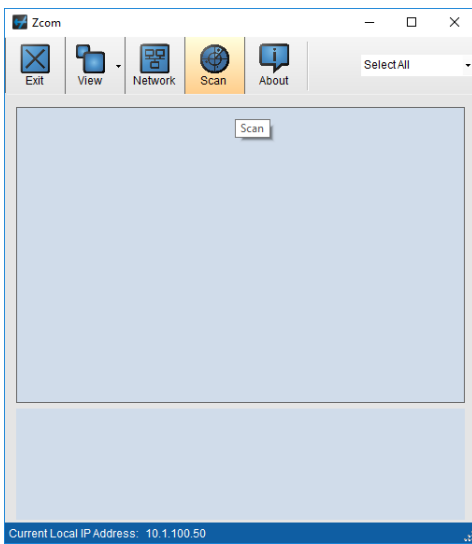
Click *File*, *Download*.

The *Zcom* dialog will appear. There will likely be no Indicators shown.
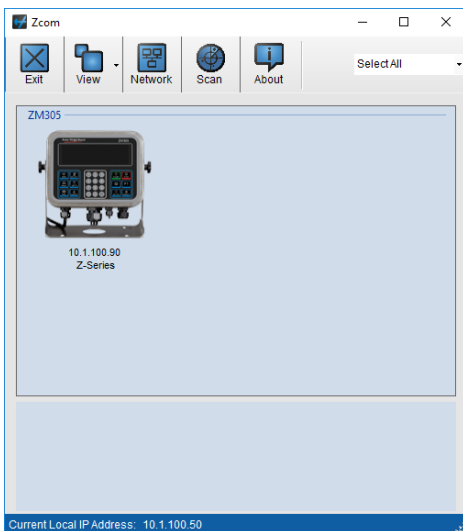
Click the *Nework* icon.

The Select IP Address dialog will appear. It will likely show multiple IP addresses.

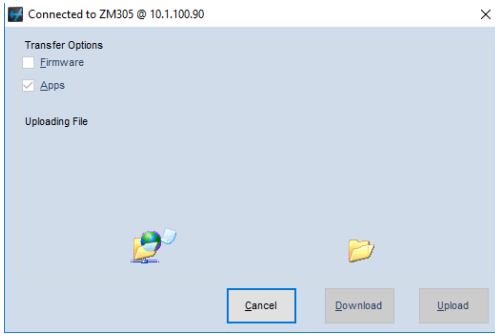Select one that starts with **192.168.1**. Click **OK**.
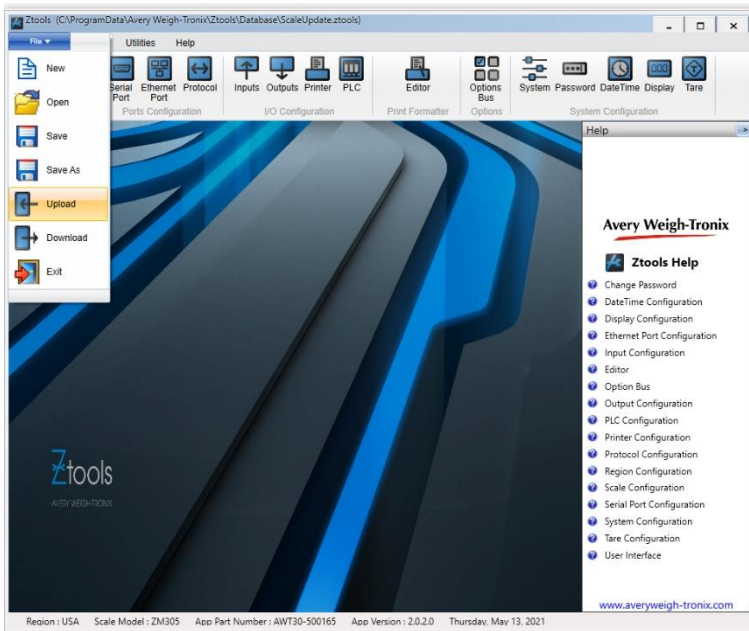

Click the *Scan* icon.

An icon should appear which represents the Scale Indicator and its current IP address of **192.168.1.50**.
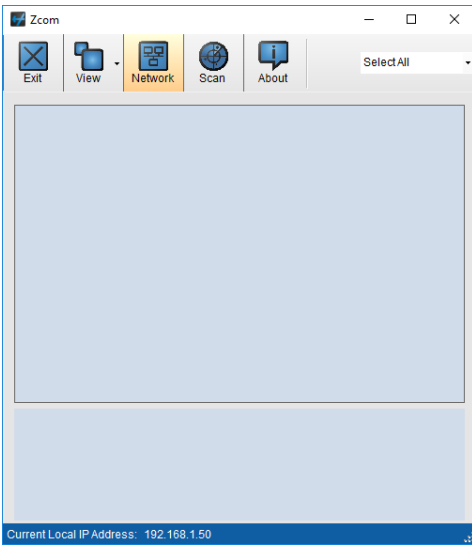
Double-Click it.

The settings in the ZTool app will be transferred to the Scale Indicator, and the IP Address of the Scale Indicator will be updated.

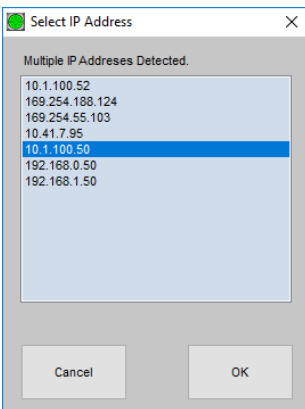The Scale Indicator is now configured (for Wayfair).

We need to re-connect to the Scale Indicator at its new IP Address. Click *File*, **Upload**.
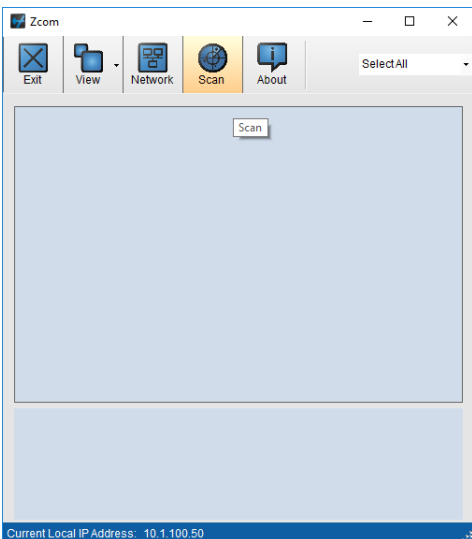
The Zcom dialog will appear with a Scale Indicator, but it is the one with the old IP Address.
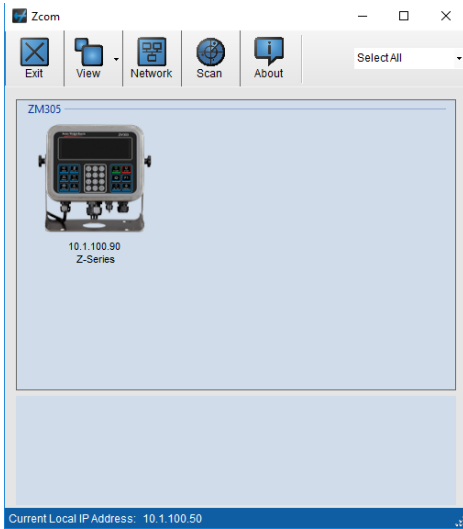
Click the **_Nework_** icon.

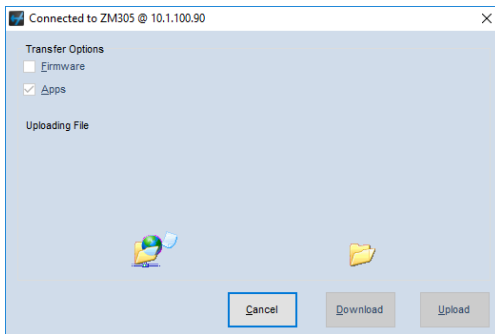The Select IP Address dialog will appear. It will likely show multiple IP addresses.

Select one that starts with **10.1.100**. Click **OK**.

Click the *Scan* icon.

An icon should appear which represents the Indicator at its new IP address of 10.1.100.50. Double-Click it.

The current settings in the Scale Indicator will be transferred again from the Scale Indicator to the ZTools app.

The IP Address of the Scale Indicator was successfully changed.

4 - Calibrate the Scale

{ this section under construction }

Set Zero

Set Span, press [select] until "Save"

Save, [units] to change No to Yes, then [zero]