# 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.)

🏺 Cubiscan Loo	al Peripherals Stat	tus	$\times$
General			
Connection			-
IPv4 Connec	tivity:	No network access	
IPv6 Connec	tivity:	No network access	
Media State:		Enabled	
Duration:		8 days 03:10:35	
Speed:		100.0 Mbps	
Details			_
	Sent —	Received	
Bytes:	3,221,273,975	14,235,225,366	
Properties	Disable	Diagnose	
		<u>C</u> lose	

#### Click [Details]

Property	Value		^
Connection-specific DN			
Description	Intel(R) I210 Giga	bit Network Connect	
Physical Address	C4-00-AD-51-7D-I	E5	
DHCP Enabled	No		
Pv4 Address	10.1.100.50		
Pv4 Subnet Mask	255.255.255.0		
Pv4 Address	192.168.1.59		
Pv4 Subnet Mask	255.255.255.0		
Pv4 Default Gateway			
Pv4 DNS Server			
Pv4 WINS Server			
NetBIOS over Topip En	Yes		
Link-local IPv6 Address	fe80::415e:38b7:	98e5:9978%3	
Pv6 Default Gateway			
Pv6 DNS Servers	fec0:0:0:ffff::1%1		
	fec0:0:0:ffff::2%1		~
r		>	

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.

Cubiscar	n Local Pe	ripherals Prope	ties			×
Networking	Sharing					
Connect us	ing:					
🚅 Intel	(R) 1210 Gig	gabit Network Co	nnection			
				<u>C</u> onf	igure	
This conne	ction uses t	the following item	s:			_
🗹 🌄 Cli	ient for Mic	rosoft Networks				^
🗹 🖳 Fil	e and Print	er Sharing for Mic	rosoft Ne	tworks		
🗹 🖳 Ng	pcap Packe	et Driver (NPCAP	)			
🗹 두 Qa	oS Packet	Scheduler				
	ternet Proto	ocol Version 4 (TO	CP/IPv4)			
🗌 💶 M	icrosoft Net	work Adapter Mu	Itiplexor F	Protocol		
PI _ PI	ROFINET	D protocol (DCP/	LLDP)			~
<					>	
l <u>n</u> sta	all	<u>U</u> ninstall		P <u>r</u> op	erties	
Descriptio	on					
Transmis wide are across d	sion Contro a network p iverse inter	of Protocol/Intern protocol that prov connected netwo	et Protoco ides com irks.	ol. The d municati	efault on	

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

Internet Protocol Version 4 (TCP/IPv4)	Properties	×
General		
You can get IP settings assigned autor this capability. Otherwise, you need to for the appropriate IP settings.	natically if your network supports ask your network administrator	
Obtain an IP address automatical	у	
Use the following IP address:		
IP address:	10 . 1 . 100 . 50	
Subnet mask:	255 . 255 . 255 . 0	
Default gateway:		
Obtain DNS server address autom	atically	
• Use the following DNS server add	resses:	
Preferred DNS server:		
<u>A</u> lternate DNS server:		
Ualidate settings upon exit	Ad <u>v</u> anced	
	OK Cancel	

#### Click [Advanced]

-			
Settings DNS WINS			
IP addresses			
IP address		Subnet mask	
10.1.100.50		255.255.255.0	
192.168.1.59		255.255.255.0	
	Add	Edit	Remove
De <u>f</u> ault gateways:			
Gateway		Metric	
	A <u>d</u> d	Edi <u>t</u>	Re <u>m</u> ove
Automatic metric			
Interface metric:			

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 ... ]

TCP/IP Address	×
IP address:	192.168.1.59
Subnet mask:	255.255.255.0
	Add Cancel

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.

Select IP Address	×	<
Multiple IP Addreses Detec	ted.	
10.1.100.52		
169.254.188.124		
10 41 7 95		
10.1.100.50		
192.168.0.50		
192.168.1.50		
Cancel	OK	

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

Select one that starts with 192.168.1. Click OK.

Zcom	-		×
Exit View Network Scan About	Selec	tali	·
Scan			
Current Local IP Address: 10.1.100.50			ai

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**.

🚰 Zcom				-		×
			<b>I</b>			
Evit View		Scan	About	Select	All	-
		ocan	About			
		Sc.				
		Sc	an			
Current Local IP Address	10 1 100 5	0				

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]