METTLER TOLEDO BC Scale

Setting up the Scales for Ethernet:

- Select the correct Serial protocol setting.
 Home → Deflt → Def F → Enter
- Update Ethernet IP setting Home → Setup → COMM → ETH Press Enter.

Note: A default static IP setting has been programmed into the scale

19 address by BKP Static Paddress IF address : 072,018,064,114 Subnet mask : 258,258,254,000 Gateway : 172,018,054,001 OK Cancel

Press UP/DOWN key to select

- IP address by DHCP (currently not supported)
- Static IP address
- OK
- Cancel
- Update static IP address:
 Highlight the static IP address field
 Press Enter key



 Press RIGHT/LEFT key to scroll through the octet or ENTER to scroll through each IP address, subnet, and gateway setting.

- Press UP/Down key to change IP address octet values, example; (192.168.000.002)
- Save updated static IP address:

 Place cursor to the first octet of the
 IP address and press LEFT key.
 Press the Down key to OK then press
 Enter



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Setting up the network connections on PC:

1. Open Control Panel



2. Select Network and Sharing Center

🗾 IDT Audio Control Panel	🚑 Indexing Options
🛓 Java	Keyboard
	Network and Sharing Center
Personalization	Phone and Modem Network and Sharin
P Recovery	🔗 Region and Language Check network stat
🛋 Sound	Speech Recognition for sharing files and
🛃 System	L Taskbar and Start Menu
📑 Windows CardSpace	iiiii Windows Defender
All sure in the second	

 Select the desired Local Area Connection port. Local area connection statuses will pop-up.



4. Open Properties



 Select Internet Protocol Version 4 (TCPIP/IPv4)



 Open Properties. Enter the correct IP, Subnet Mask, and gateway address→click OK Note: When using static IP addresses, please enter the same IP address as programmed in the scale.

General	
You can get IP settings assigned auton 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	y
Ouse the following IP address:	
IP address:	192.168.0.4
Subnet mask:	255.255.255.0
Default gateway:	
Obtain DNS server address autom	natically
Ouse the following DNS server add	resses:
Preferred DNS server:	
Alternate DNS server:	· · ·
Validate settings upon exit	Advanced
	OK Cancel

- 7. Close Local Area Connection properties
- 8. Close Local Area Connection Status
- 9. Close Control Panel window

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Test Ethernet Connectivity:

 Open Windows Command Prompt. Type PING 192.xxx.xxx (type the correct IP address that is programmed into the scale)

If connection and setting are correct, the port will reply as shown in the example below.

C:\WINDOWS\SYSTEM32>ping 192.168.0.3	
Pinging 192.168.0.3 with 32 bytes of data: Request timed out.	
Reply from 192.168.0.3: bytes=32 time=1ms TTL=128 Reply from 192.168.0.3: bytes=32 time=1ms TTL=128	
Reply from 192.168.0.3: bytes=32 time=2ms TTL=128	
Ping statistics for 192.168.0.3: Packets: Sent = 4, Received = 3, Lost = 1 <25%	10
Approximate round trip times in milli-seconds: Minimum = 1ms, Maximum = 2ms, Average = 1ms	
C:\WINDOWS\SYSTEM32>	

Test Scale Serial Communication :

- Set the desired Serial Protocol on scale. This is important to ensure the command sent to scale will function correctly; otherwise the scale will not respond to incorrect Host commands.
- 2. Set COMM selection on scale to ETH and SAVE setting.
- Open serial tool like Albatros or Hyperterminal and set the correct Port Type, IP address, and Port setting. Click OK.

Teminal Type:	Text	-	Text Settings	
Port Type:	TCP/IP Client	•		ſ
ort Settings				
Remote Host:	192.168.0.3	•		
Remote TCP port:	82			
.ocal Interface:				
IPv4 any (0.0.0.0)		- 2		
Local TCP port:				

4. Open Terminal Port



5. Enter Serial Protocol supported command

Monitor	Predefined Commanda
2	Shift+F1_12
W/Ps	YR0000 4712
d.F> 000.00LB:CR>20:ETX>	×P000 9712
d.F> 000.00LB:CR>20:ETX>	LCTP 2
WCR> d Ex 002 20 BrCBx00/ETXx	
WCRD	XP0301 "MODEL"
CEPS OU DOORGROPPIONE FXS	XP0304 "SN"
	XP0700 255
	MENUSTR
	GSPSRV 5049
	M69 0 0
	M70 0 "172 18 54 114"
	M71 0 "172.18.54.1"
	< Page 1/2 Page 1
Send Command	
WCRO	 Send Command (F3)
Send File	