



## TCS US5182 Air Handling Unit Controller User Guide

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## Configuration Guide Air Handling Unit Controller US5182

### Configuration

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### Introduction

Congratulations on choosing the TCS US5182 Air Handling Unit Controller! The US5182 is a sophisticated, multi-

function HVAC Air Handling Unit controller which must be configured to interact with your system after you have completed the installation, wiring, and basic setup. While this configuration process can be accomplished several different ways, the preferred method is to connect a laptop computer directly to the US5182 via a USB cable, and use TCS Insight software to program the unit. This manual will guide you through each step you must take when using this method.

Refer to the US5182 Installation Manual for instructions on installing and wiring the unit into your system. Refer to the US5182 Quick Setup Guide for instructions on the basic setup of the unit via the unit's LCD screen.

If you have questions regarding your US5182, do not hesitate to contact TCS Technical Support at 800-288-9383, ext. 2.

Our Technical Support Department hours are Monday – Friday, 7:00 a.m. to 7:00 p.m. (CST).

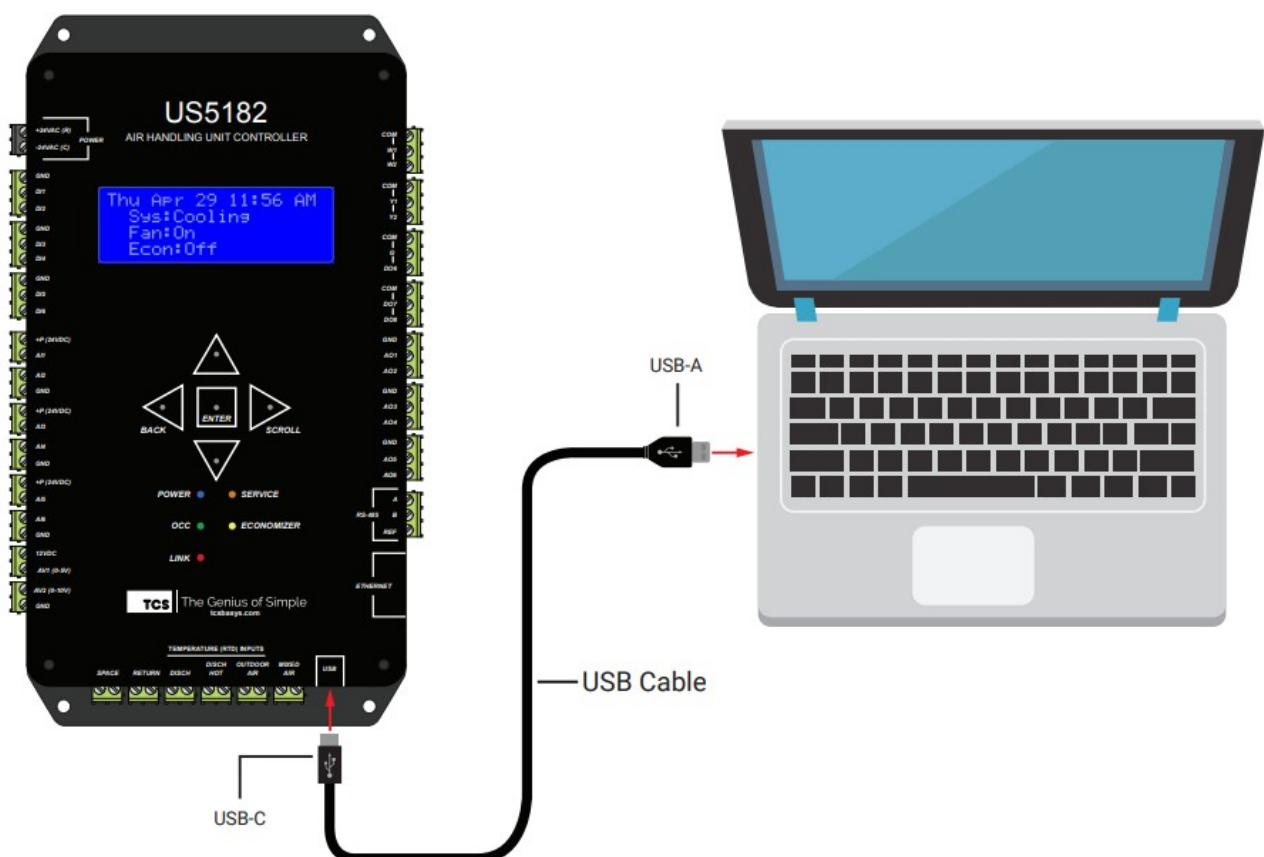
## Getting Started

To configure the US5182, you will need:

- A laptop computer running Windows 7 or later.
- A USB-A to USB-C cable (NOT a mini-USB or micro-USB cable)
- TCS Insight configuration software version 2.5.0.7 or later, which can be downloaded from the TCS website.

Earlier versions of Insight will not allow you to configure the US5182.

## US5182-to-Laptop Connection



## Using Insight

TCS Insight software allows you to configure available settings for the different types of inputs and outputs of the US5182. Each time you launch Insight, you must complete the following tasks before programming the US5182:

- Identify the COM port you will be using to communicate with the US5182

- Assign a unique device address to the US5182 (if more than one controller is connected to your system)
- Populate the I/O tabs under the Programming menu

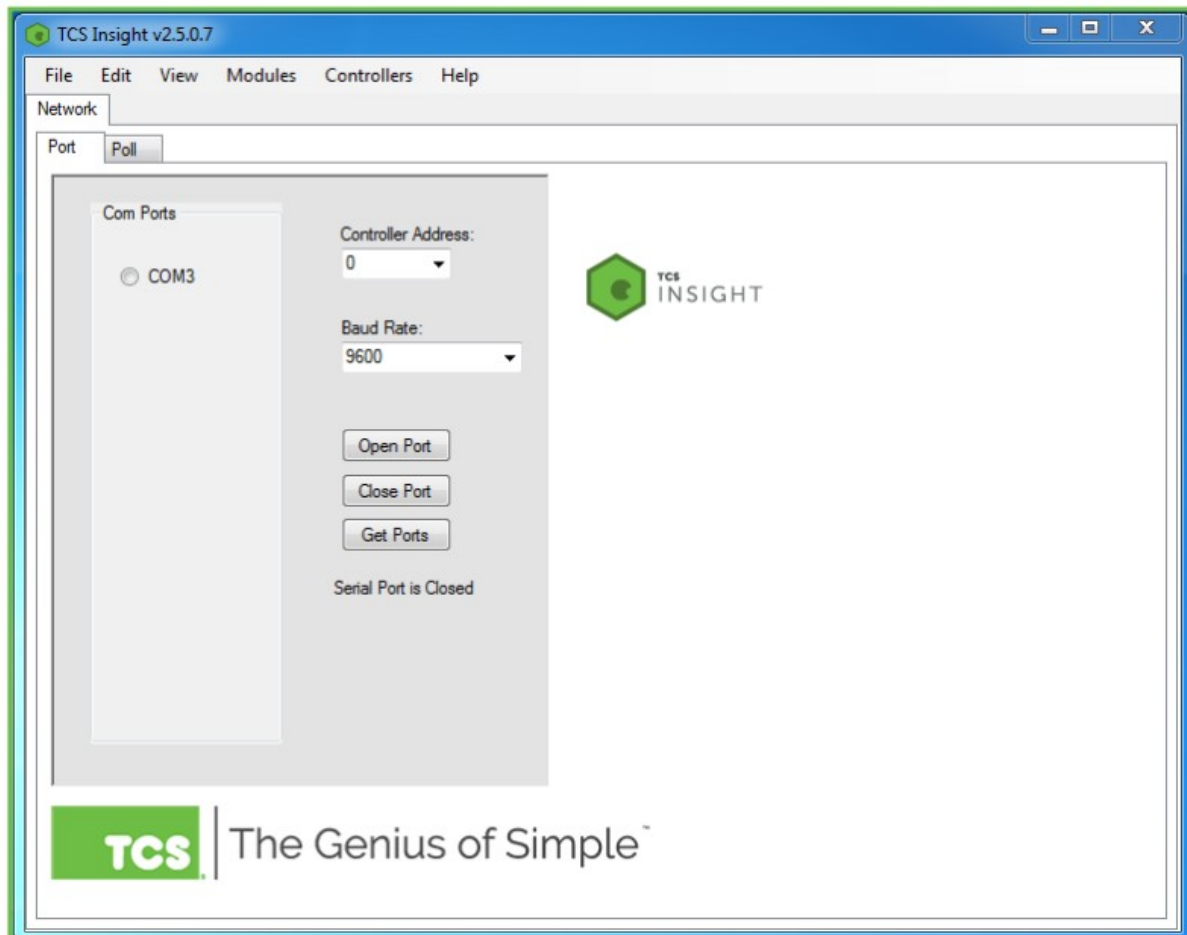
**NOTE:** TCS Insight software is a powerful service tool that works with a number of different devices and performs other functions which are beyond the scope of this manual. We recommend following only the steps described herein, as other steps may impact other controllers or your network.

### Network Setup

**STEP 1** With the US5182 disconnected from your laptop, launch Insight. You will see the following screen: You may see no COM ports or several of them (e.g., COM3, in this example). You can ignore these ports.

**STEP 2** Power up the US5182 (refer to the US5182 Installation Manual for more information).

**STEP 3** Connect the US5182 to your laptop using the USB cable described on page 3.

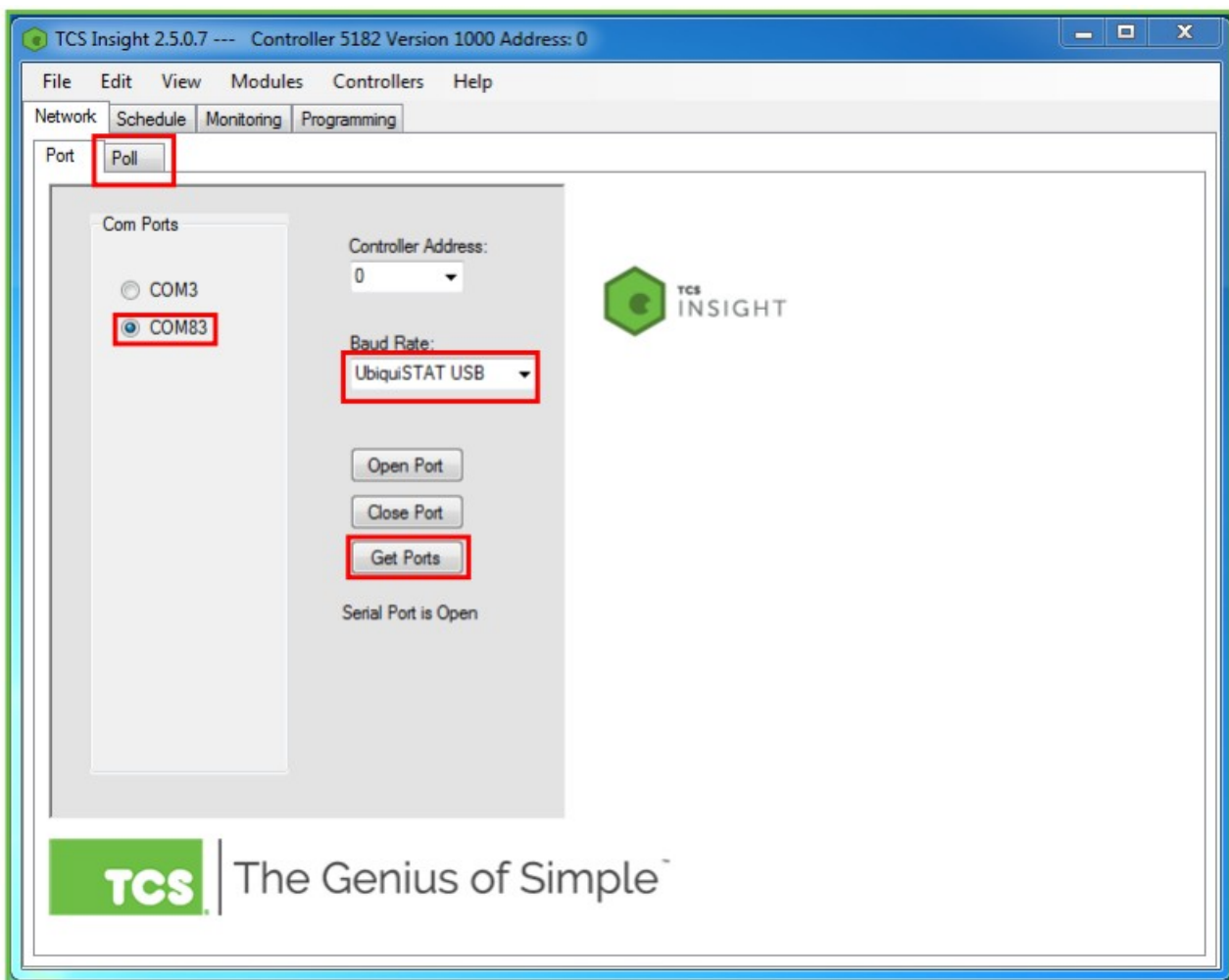


**STEP 4** Click on the Get Ports button. You will see a new COM port appear in the window (e.g., COM83). This is the port your US5182 is using to communicate with the laptop.

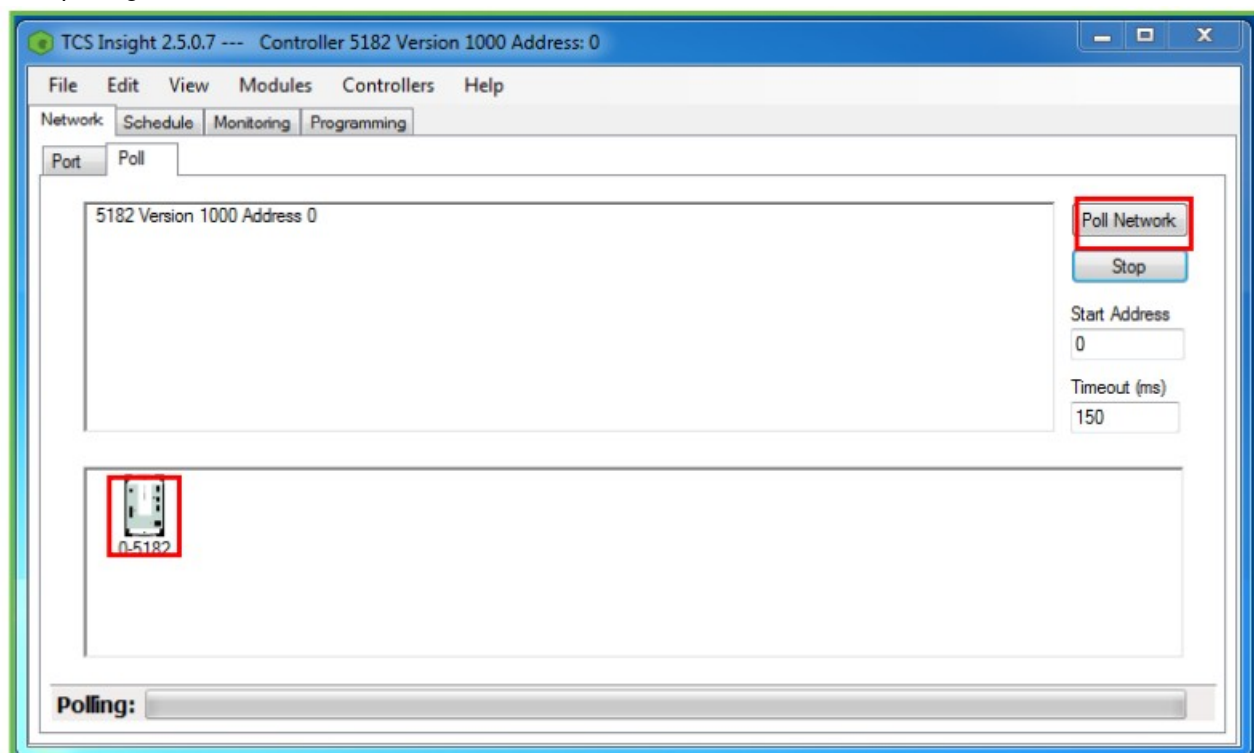
**STEP 5** Under the Baud Rate list, select UbiquiSTAT USB.

**STEP 6** Open the new COM port by clicking on its radio button.

**STEP 7** Click on the Poll tab near the top of the window.



**STEP 8** In the Poll tab window, click on the Poll Network button. After a few seconds, an icon representing the US5182 will appear. After the US5182 device icon appears, you can click on the Stop button or the US5182 icon to cease polling the network.



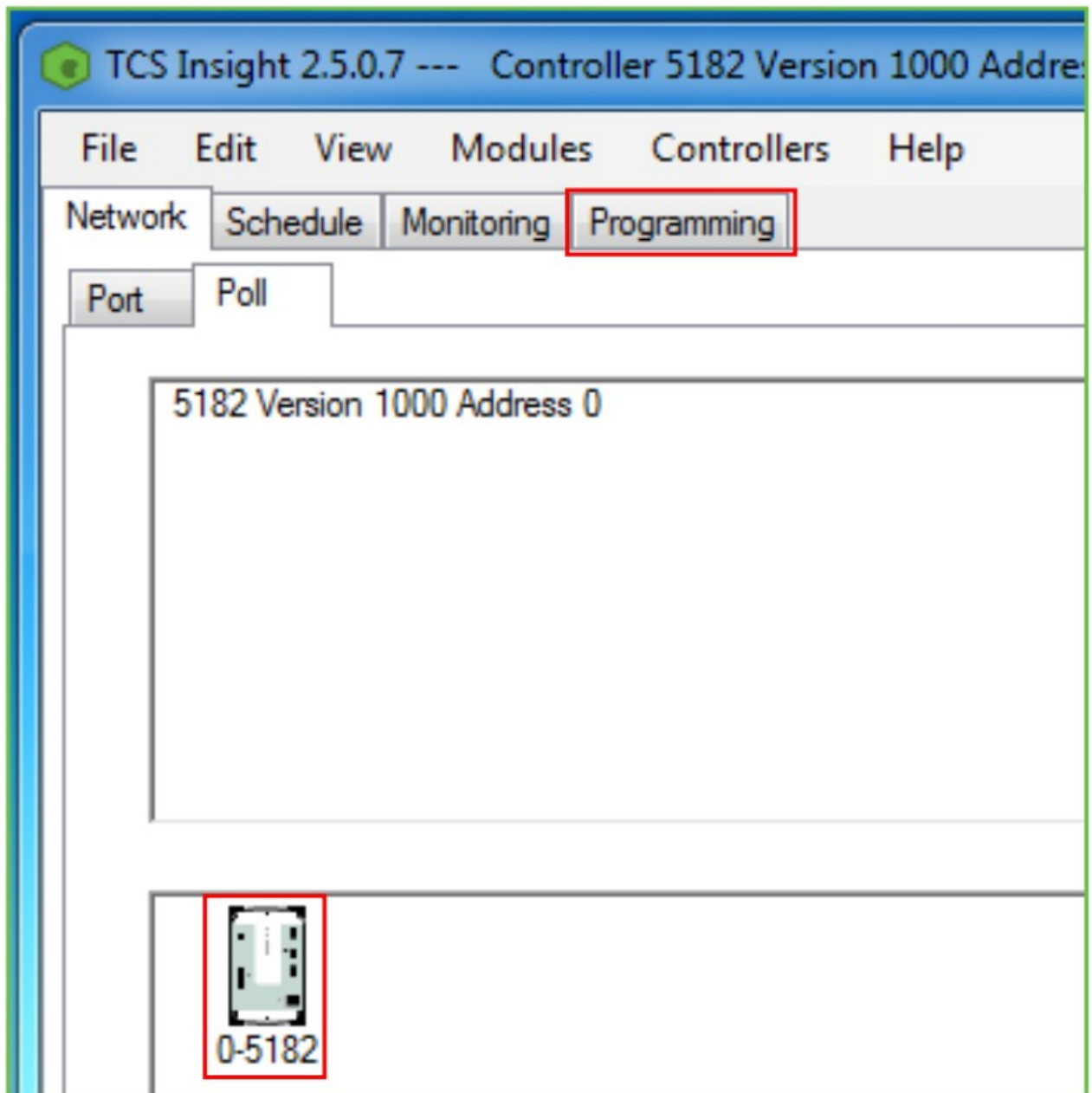
**NOTE:** When using a USB-C cable for communicating with the US5182, the address will always be zero.

#### **Programming the US5182**

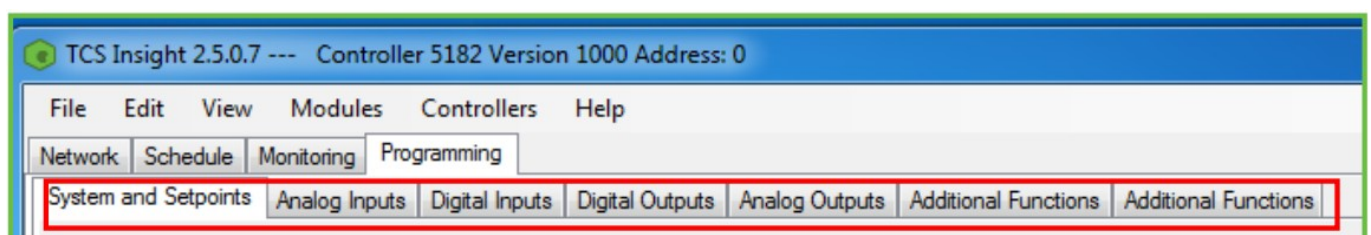
**STEP 1** Click on the US5182 device icon to bring up the device tabs in the main window (this can take several seconds).

**STEP 2** Click on the Programming tab in the main window. This will open up a new set of tabs for:

- System and Setpoints
- Analog Inputs
- Digital Inputs
- Digital Outputs
- Analog Outputs
- Additional Functions (two)



**STEP 3** After expanding the Programming tab, click on each of the seven sub-tabs to populate their data fields. Allow several seconds for the US5182 to populate each sub-tab (the window will “blink” when populated.) Do this for every sub-tab, even if you are not going to configure all inputs/ outputs or functions, as some data points are interrelated.



### Systems and Setpoints

Under the System and Setpoints tab you can enable or monitor system settings for the following:



- Hot Deck/Cold Deck
- Discharge Zone Control
- Setpoints
- Smart Recovery
- Dehumidification
- Space Control
- System

**STEP 1** Click on the desired section to activate the relevant settings and program the fields.

**NOTE:** Discharge Zone Control should be enabled only if the US5182 is being used as a master controller for a Ubiquity subsystem with a QD2040 or QD3041 building controller.

**STEP 2** After programming the System and Setpoints, click on the Write Page button to save the settings.

**STEP 3** (Optional) Click on the Read Page button to make sure all settings were entered.

File Edit View Modules Controllers Help	
Network Schedule Monitoring Programming	
System and Setpoints Analog Inputs Digital Inputs Digital Outputs Analog Outputs Additional Functions Additional Functions	
<b>Space Temp</b>	T1 RTD User Calibration 0 °F
<b>Return Air</b>	T2 RTD User Calibration 0 °F
<b>Discharge Air</b>	T3 RTD User Calibration 0 °F
<b>Discharge Hot</b>	T4 RTD User Calibration 0 °F
<b>Outdoor Air</b>	T5 RTD User Calibration 0 °F
<b>Mixed Air</b>	T6 RTD User Calibration 0 °F
<b>AI1</b>	
AI1 Input Range	4-20
AI1 Scaled Min	0
AI1 Scaled Max	100
AI1 Scaled Units	percent
<b>AI2</b>	
AI2 Input Range	4-20
AI2 Scaled Min	0
AI2 Scaled Max	100
AI2 Scaled Units	percent
<b>AI3</b>	
AI3 Input Range	4-20
AI3 Scaled Min	0
AI3 Scaled Max	100
AI3 Scaled Units	percent
<b>AI4</b>	
AI4 Input Range	4-20
AI4 Scaled Min	0
AI4 Scaled Max	100
AI4 Scaled Units	squareMeters
<b>AI5</b>	

**AI5**  
 AI5 Input Range 4-20 ▾  
 AI5 Scaled Min 0  
 AI5 Scaled Max 100  
 AI5 Scaled Units poundsMass ▾

---

**AI6**  
 AI6 Input Range 4-20 ▾  
 AI6 Scaled Min 0  
 AI6 Scaled Max 100  
 AI6 Scaled Units squareMeters ▾

---

**AV1**  
 AV1 Scaled Min 0  
 AV1 Scaled Max 5  
 AV1 Scaled Units btusPerHour ▾

---

**AV2**  
 AV2 Scaled Min 0  
 AV2 Scaled Max 10  
 AV2 Scaled Units millimeters ▾

---

**Input Source**  
 Space Carbon Dioxide Source None ▾  
 Space Relative Humidity Source None ▾  
 Outdoor Relative Humidity Source AI1 ▾

---

**Limits and Lockouts**  
☒ Discharge Air Limit  
 Discharge Limit Cool Sp 3 °F  
 Discharge Limit Heat Sp 0 °F  
☐ Outdoor Air Lockout Enable  
 Outdoor Air Lockout Cool Setpoint 1 °F  
 Outdoor Air Lockout Heat Setpoint 0.2 °F

---

**Remote Occupied Setpoint**  
 Remote Occupied Setpoint Source None ▾  
 Remote Occupied Setpoint Deadband 3 °F  
 Remote Setpoint Low Limit 0 °F  
 Remote Setpoint High Limit 20 °F

---

Read Page Write Page

### Analog Inputs

Under the Analog Inputs tab, you can enable or monitor settings for the following:

- Space Temperature
- Return Air
- Discharge Air
- Discharge Hot



- Outdoor Air
- Mixed Air

The following configurable values are available:

- AI 1 – 6
- AV 1 – 2
- Input Source
- Limits and Lockouts
- Remote Occupied Setpoint

**STEP 1** Click on the desired field to program the relevant settings.

**STEP 2** After programming the Analog Inputs, click on the Write Page button to save the settings.

**STEP 3** (Optional) Click on the Read Page button to make sure all settings were entered.

File Edit View Modules Controllers Help			
Network Schedule Monitoring Programming			
System and Setpoints Analog Inputs Digital Inputs Digital Outputs Analog Outputs Additional Functions Additional Functions			
<b>Hot Deck/Cold Deck</b>			
<input type="checkbox"/> Hot Deck/Cold Deck Control Enable			
Occ Setpoint	Hot Deck 120 °F	Cold Deck 60 °F	
Reset Source	None	None	
Reset Base Setpoint	80 °F	6 °F	
Reset Ratio	0.5 °F	0.1 °F	
Reset Limits	High 14 °F	Low 5 °F	
<b>Discharge Zone Control</b>			
<input checked="" type="checkbox"/> Discharge Zone Control Enable			
	Heating	Cooling	
DZ Morning Warmup Setpoint	12 °F	6 °F	
DZ Occupied Setpoint	10 °F	6 °F	
<b>Setpoints</b>			
	Heating	Cooling	
Unoccupied	60 °F	80 °F	
Occ Schedule A	70 °F	75 °F	
Occ Schedule B	70 °F	75 °F	
Occ Schedule C	70 °F	75 °F	
Occ Schedule D	70 °F	75 °F	
<b>Smart Recovery</b>			
Smart Recovery A	<input type="checkbox"/> Enable		
Smart Recovery B	<input type="checkbox"/> Enable		
Smart Recovery C	<input type="checkbox"/> Enable		
Smart Recovery D	<input type="checkbox"/> Enable		
Smart Recovery Cool Rate	4 °F/hour		

Smart Recovery Heat Rate  °F/hour

---

**Dehumidification**

Dehumidification Mode

Dehumid Reheat Mode

Occupied Setpoint  %

Fixed SP  °F

Prop band  %

Prop band  °F

Differential  %

Mode SP

Unoccupied Setpoint  %

SP Delta  °F

---

**Space Control**

Space Control Source

☐ Discharge Air Control

---

**System**

System Mode

Thermostat Type

**WARNING: Changing the Thermostat Type greatly changes the device operation. DO6 Mode must be changed if Thermostat Type is changed. DO7 Mode and DO8 Mode may need to be changed if Thermostat Type is changed to Heat Pump.**

**Heat Pump**

**Rev Valve**

Reversing Valve Delay  sec

---

☐ Enable Low Limit Changeover

Low Limit Changeover Setpoint  °F

---

Power-up Delay  sec

## Digital Inputs

Under the Digital Inputs tab, you can enable or monitor settings for the following:

- DI 1 – 6
- DI Setpoint Setback
- Fan Proving

**STEP 1** Click on the desired field to program the relevant settings.

**STEP 2** After programming the Digital Inputs, click on the Write Page button to save the settings.

**STEP 3** (Optional) Click on the Read Page button to make sure all settings were entered.

File			Edit			View			Modules			Controllers			Help		
Network			Schedule			Monitoring			Programming								
System and Setpoints			Analog Inputs			Digital Inputs			Digital Outputs			Analog Outputs			Additional Functions		
<b>DI1</b>																	
DI1 Mode									Monitor								
<b>DI2</b>																	
DI2 Mode									Monitor								
<b>DI3</b>																	
DI3 Mode									Monitor								
<b>DI4</b>																	
DI4 Mode									Monitor								
<b>DI5</b>																	
DI5 Mode									Monitor								
<b>DI6</b>																	
DI6 Mode									Monitor								
<b>DI Setpoint Setback</b>																	
DI Setpoint Setback Start Delay									60						sec		
DI Setpoint Setback Minimum On Time									60						sec		
DI Setpoint Setback Value									2						'F		
<b>Fan Proving</b>																	
Fan Proving Delay									30						sec		
Fan Proving Recovery Delay									600						sec		
Fan Proving Recovery Attempts									3								
Read Page			Write Page														

### Digital Outputs

Under the Digital Outputs tab, you can enable or monitor settings for the following:

- Heat 1 – 5
- Cool 1 – 5
- Relay Minimum On/Off Times
- Control Output Mapping/Relay Configurations
- Fan Status
- Fan Recirculation
- P+I Relays

**STEP 1** Click on the desired field to program the relevant settings.

**STEP 2** After programming the Digital Outputs, click on the Write Page button to save the settings.

**STEP 3** (Optional) Click on the Read Page button to make sure all settings were entered.

File Edit View Modules Controllers Help									
Network Schedule Monitoring Programming									
System and Setpoints Analog Inputs Digital Inputs Digital Outputs Analog Outputs Additional Functions Additional Functions									
Heat1	<input checked="" type="checkbox"/> Enable	Offset	0	'F	Differential	1	'F	Next Stage Enable Delay	120 sec
Heat2	<input checked="" type="checkbox"/> Enable	Offset	1	'F	Differential	1	'F	Next Stage Enable Delay	120 sec
Heat 3	<input checked="" type="checkbox"/> Enable	Offset	2	'F	Differential	1	'F	Next Stage Enable Delay	120 sec
Heat 4	<input checked="" type="checkbox"/> Enable	Offset	3	'F	Differential	1	'F	Next Stage Enable Delay	120 sec
Heat 5	<input checked="" type="checkbox"/> Enable	Offset	4	'F	Differential	1	'F		
Cool1	<input checked="" type="checkbox"/> Enable	Offset	0	'F	Differential	1	'F	Next Stage Enable Delay	120 sec
Cool2	<input checked="" type="checkbox"/> Enable	Offset	1	'F	Differential	1	'F	Next Stage Enable Delay	120 sec
Cool 3	<input checked="" type="checkbox"/> Enable	Offset	2	'F	Differential	1	'F	Next Stage Enable Delay	120 sec
Cool 4	<input checked="" type="checkbox"/> Enable	Offset	3	'F	Differential	1	'F	Next Stage Enable Delay	120 sec
Cool 5	<input checked="" type="checkbox"/> Enable	Offset	0.4	'F	Differential	0.1	'F		
<b>Relay Minimum On/Off Times</b>									
		<b>Min On Time</b>			<b>Min Off Time</b>				
W1		120	sec		120	sec			
W2		120	sec		120	sec			
Y1		120	sec		120	sec			
Y2		120	sec		120	sec			
G		30	sec		30	sec			
DO6		30	sec		30	sec			
DO7		30	sec		30	sec			
DO8		30	sec		30	sec			
<b>Control Output Mapping</b>									
The following table shows how the relay terminals are mapped to heat and cool stages based on the thermostat type system mode and low limit changeover.									
<b>Terminals</b>	<b>Relays</b>	<b>Conventional</b>	<b>Heat Pump Normal</b>	<b>Heat Pump Low Limit Changeover</b>	<b>Heat Pump Emergency Heat</b>				
W1		Heat 1	Heat 3	Heat 1	Heat 1				
W2		Heat 2	Heat 4	Heat 2	Heat 2				
Y1		Cool 1	Heat 1/Cool 1	Cool 1					
Y2		Cool 2	Heat 2/Cool 2	Cool 2					
G		Fan	Fan	Fan					
DO6		see DO6	Reversing Valve	Reversing Valve	Fan Reversing Valve				
DO6 Mode	Off		DO6 Polarity	Normal	DO6 Relay Operation	Heat			
DO6 Occupied Setpoint	7.5		DO6 Unoccupied Setpoint	8	DO6 Differential	0.5			
DO7 Mode	Off		DO7 Polarity	Normal	DO7 Relay Operation	Heat			
DO7 Occupied Setpoint	7.5		DO7 Unoccupied Setpoint	8	DO7 Differential	0.5			
DO8 Mode	Off		DO8 Polarity	Normal	DO8 Relay Operation	Heat			
DO8 Occupied Setpoint	7.5		DO8 Unoccupied Setpoint	8	DO8 Differential	0.5			
<b>Fan Status</b>									
Occupied Fan Mode	Auto	Unoccupied Fan Mode	Auto						
Fan Post- Conditioning Runtime for Heat	60 sec	Fan Post- Conditioning Runtime for Cool	60 sec						
<b>Fan Recirc</b>									
Fan Recirc Period	20 min	Occupied Fan Recirc Percentage	5 %	Unoccupied Fan Recirc Percentage	0 %				
<b>P-H on Relays</b>									
<input type="checkbox"/> P-H Enable		P-H Rate	300 sec/F						
<input type="button" value="Read Page"/>		<input type="button" value="Write Page"/>							

## Analog Outputs

Under the Analog Outputs tab, you can enable or monitor settings for the following:

- AO1 – 6
- Modulating Heat/Cool Control
- Heat Error PID
- Cool Error PID
- Discharge Reset
- Discharge Tempering
- Outdoor Air Damper Control
- Economizer Output PID
- Pre-Occupancy Purge
- Demand Ventilation
- Face and Bypass
- Aquastat



- Midpoint

**STEP 1** Click on the desired field to program the relevant settings.

**STEP 2** After programming the Analog Outputs, click on the Write Page button to save the settings.

**STEP 3** (Optional) Click on the Read Page button to make sure all settings were entered.

File Edit View Modules Controllers Help					
Network Schedule Monitoring Programming					
System and Setpoints Analog Inputs Digital Inputs Digital Outputs Analog Outputs Additional Functions Additional Functions					
<b>AO1</b>					
AO1 Mode	Off	AO1 H/C/A/B Mode	Heat	AO1 H/C/A/B Unoccupied Mode	Modulate
AO1 Action	Direct	AO1 H/C/A/B Min Position	0 %	AO1 H/C/A/B Unoccupied Fixed Output	10 %
AO1 Range	4-20mA	AO1 H/C/A/B Max Position	10 %		
<b>AO2</b>					
AO2 Mode	Off	AO2 H/C/A/B Mode	Heat	AO2 H/C/A/B Unoccupied Mode	Modulate
AO2 Action	Direct	AO2 H/C/A/B Min Position	0 %	AO2 H/C/A/B Unoccupied Fixed Output	10 %
AO2 Range	4-20mA	AO2 H/C/A/B Max Position	10 %		
<b>AO3</b>					
AO3 Mode	Off	AO3 H/C/A/B Mode	Heat	AO3 H/C/A/B Unoccupied Mode	Modulate
AO3 Action	Direct	AO3 H/C/A/B Min Position	0 %	AO3 H/C/A/B Unoccupied Fixed Output	10 %
AO3 Range	4-20mA	AO3 H/C/A/B Max Position	10 %		
<b>AO4</b>					
AO4 Mode	Off	AO4 H/C/A/B Mode	Heat	AO4 H/C/A/B Unoccupied Mode	Modulate
AO4 Action	Direct	AO4 H/C/A/B Min Position	0 %	AO4 H/C/A/B Unoccupied Fixed Output	10 %
AO4 Range	4-20mA	AO4 H/C/A/B Max Position	10 %		
		AO4 Occupied Setpoint	7.5	AO4 Prop Band	1
		AO4 Unoccupied Setpoint	8	AO4 Setpoint Type	Heat
<b>AO4 PID</b>					
AO4 Proportional Constant	40	AO4 Integral Constant	10	AO4 Derivative Constant	120
AO4 PID Anti Windup Constant	120	AO4 PID Setpoint	120		
<b>AO5</b>					
AO5 Mode	Off	AO5 Occupied Setpoint	12	AO5 Prop Band	12
AO5 Action	Direct	AO5 Unoccupied Setpoint	12	AO5 Setpoint Type	Heat
AO5 Range	4-20				
<b>AO5 PID</b>					
AO5 Proportional Constant	1	AO5 Integral Constant	1	AO5 Derivative Constant	0
AO5 PID Anti Windup Constant	1000	AO5 PID Setpoint	1		
<b>AO6</b>					
AO6 Mode	Off	AO6 Occupied Setpoint	0.1	AO6 Prop Band	0.1
AO6 Action	Direct	AO6 Unoccupied Setpoint	0.1	AO6 Setpoint Type	Heat
AO6 Range	4-20				
<b>AO6 PID</b>					
AO6 Proportional Constant	1	AO6 Integral Constant	1000	AO6 Derivative Constant	1
AO6 PID Anti Windup Constant	1	AO6 PID Setpoint	1		
<b>Modulating Heat/Cool Control</b>					
AO Heat Setpoint Offset	0.1 °F	Heat Prop Band	0 °F		
AO Cool Setpoint Offset	100 °F	Cool Prop Band	0.1 °F		
<b>Heat Error PID</b>					
<input checked="" type="checkbox"/> Modulating Heat/Cool PID Enable					
Heat Proportional Constant	1	Heat Integral Constant	1	Heat Derivative Constant	1
Heat PID Anti Windup Constant	0.1	Heat PID Setpoint	0		
<b>Cool Error PID</b>					
Cool Proportional Constant	1000	Cool Integral Constant	1	Cool Derivative Constant	1000
Cool PID Anti Windup Constant	75	Cool PID Setpoint	100		
<b>Discharge Reset</b>					
<input type="checkbox"/> Heat Discharge Reset Enable		Heat Discharge Reset Ratio	0.1 °F	Heat Discharge Reset Base Setpoint	10 °F
<input type="checkbox"/> Cool Discharge Reset Enable		Cool Discharge Reset Ratio	0 °F	Cool Discharge Reset Base Setpoint	0 °F
<b>Discharge Tempering</b>					
Heat Discharge Tempering Mode	Off	Heat Discharge Tempering Setpoint	0.1 °F	Heat Discharge Tempering Prop Band	75 °F
Cool Discharge Tempering Mode	Off	Cool Discharge Tempering Setpoint	0.1 °F	Cool Discharge Tempering Prop Band	0.1 °F
<b>Outdoor Air Damper Control</b>					
Economizer Mode	Off	Economizer Setpoint	0 °F	Economizer Prop Band	100 °F
Outdoor Damper Control Source	Discharge Air	Economizer OA Drybulb Setpoint	100 °F	Economizer OA Drybulb Compare Delta	0.1 °F
Economizer OA Enthalpy Setpoint	0.1 Btu/lb	Economizer OA Enthalpy Compare Delta	0.1 Btu/lb	Economizer OA Enthalpy Differential	0.1 Btu/lb
OA Damper Discharge Air LL Enable	<input checked="" type="checkbox"/>	OA Damper Discharge Air LL Setpoint	100 °F	Outdoor Damper Min Position	0.1 %
Economizer Unoccupied Enable	<input checked="" type="checkbox"/>				
<b>Economizer Output PID</b>					
Economizer Output PID Enable	<input checked="" type="checkbox"/>	Econ Proportional Constant	1	Econ Integral Constant	1
Econ Derivative Constant	1	Econ PID Anti Windup Constant	0	Econ PID Setpoint	1000
<b>Pre-occupancy Purge</b>					
Pre-occupancy Purge Enable	<input checked="" type="checkbox"/>	Pre-occupancy Purge OA Damper Pos	100 %	Pre-occupancy Purge Duration	750 min
<b>Demand Ventilation</b>					
Demand Ventilation Enable	<input checked="" type="checkbox"/>	Demand Ventilation Setpoint	0.1 ppm	Demand Ventilation Prop Band	0.1 ppm

Demand Ventilation LL Override Enable ☐

**Face and Bypass**  
 Face and Bypass Control Enable ☐ Face and Bypass Outdoor Air Setpoint 0 Face and Bypass Damper Prop Band 0 °F

**Aquestat**  
 Aquestat Mode Analog Analog Aquestat Setpoint 0.1 °F

**Midpoint**  
 Midpoint Bias 75 %

MonitorPoint.ECONOMIZER\_ENA  
 MonitorPoint.ECONOMIZER\_OUT  
 MonitorPoint.ECON\_FREE\_COOL

Read Page Write Page

### Additional Functions (1 of 2)

Under the first Additional Functions tab, you can enable or monitor settings for the following:

- Occupied
- Override
- Communication Loss Delay
- Time Clock

**STEP 1** Click on the desired field to program the relevant settings.

**STEP 2** After programming the Additional Functions, click on the Write Page button to save the settings.

**STEP 3** (Optional) Click on the Read Page button to make sure all settings were entered.

File Edit View Modules Controllers Help

Network Schedule Monitoring Programming

System and Setpoints Analog Inputs Digital Inputs Digital Outputs Analog Outputs Additional Functions Additional Functions

**Occupied**  
 Occupied Transition Delay 0 min

**Override**  
 Occupancy Override Mode Unoccupied Only  
 Occupancy State Override Time 180 min

**Comm Loss Delay**  
 Comm Loss Delay 300 seconds

**Time Clock**  
 Daylight Saving Time ☒ Enable  
 Daylight Saving Time Start Month March  
 Daylight Saving Time Start Week of Month 8-14  
 Daylight Saving Time Start Day of Week Sunday  
 Daylight Saving Time End Month November  
 Daylight Saving Time End Week of Month 1-7  
 Daylight Saving Time End Day of Week Sunday

Read Page Write Page

### Additional Functions (2 of 2)

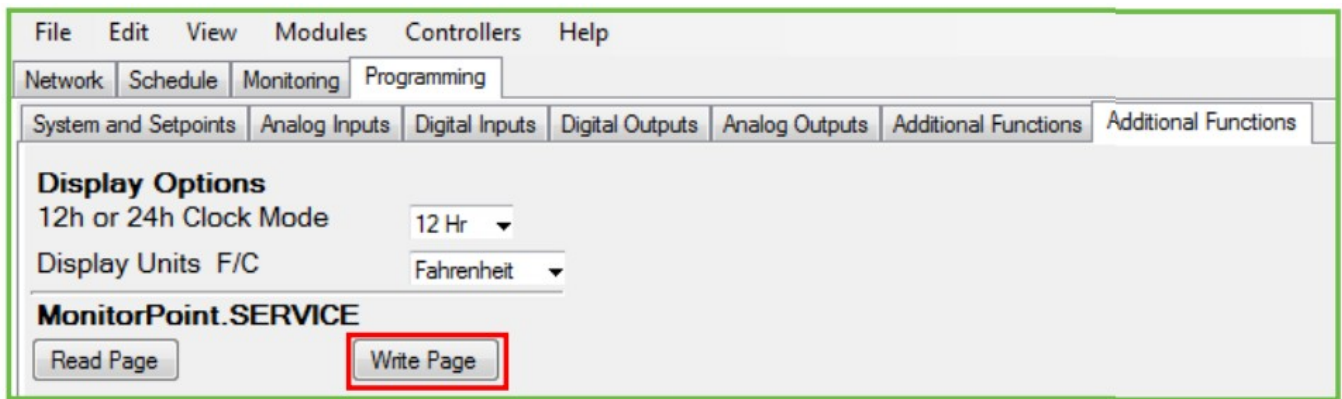
Under the second Additional Functions tab, you can enable or monitor settings for the following Display Options:

**STEP 1** Click on the desired field to program the relevant settings.

**STEP 2** After programming the Additional Functions, click on the Write Page button to save the settings.

**STEP 3** (Optional) Click on the Read Page button to make sure all settings were entered.

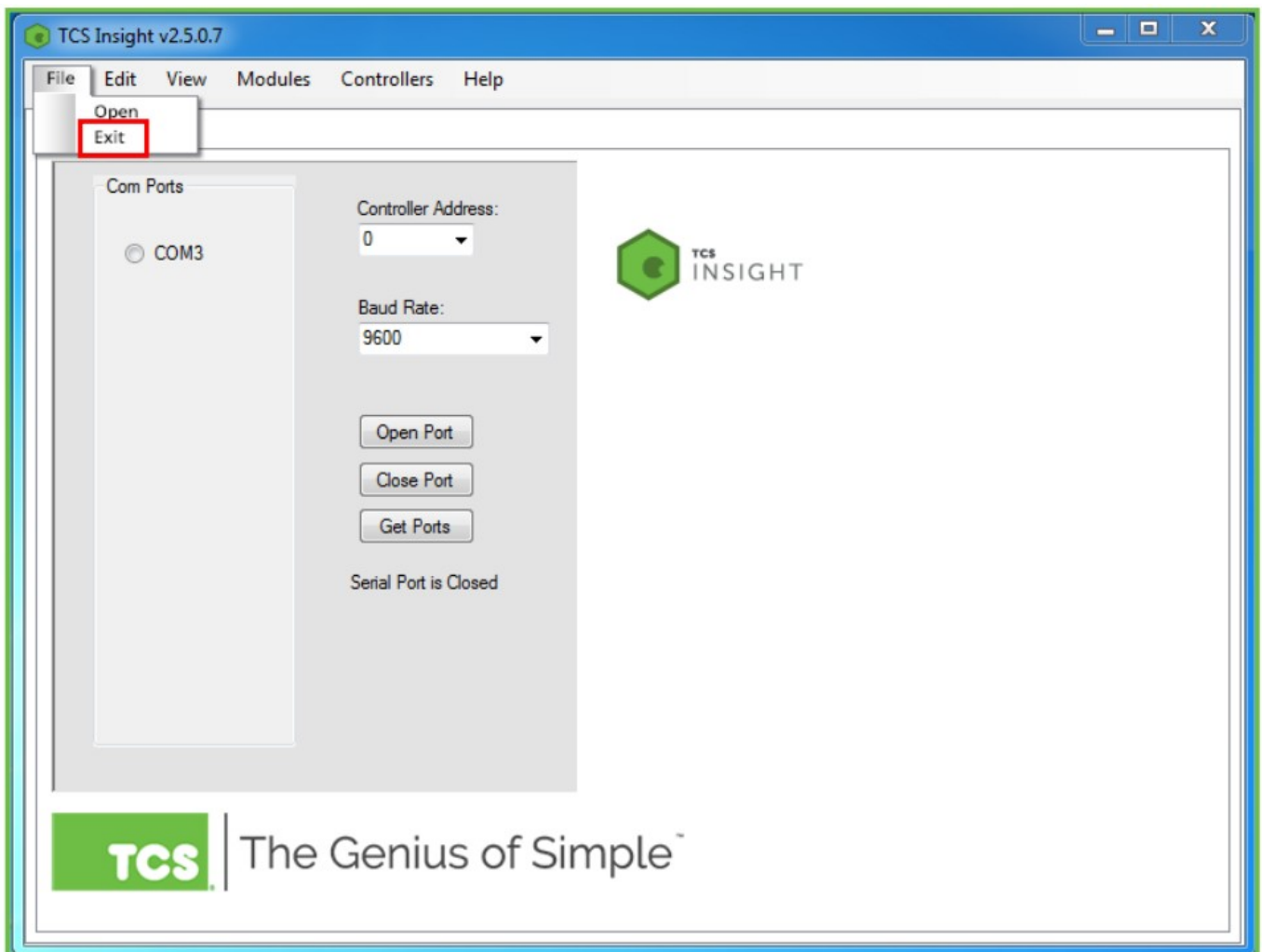




### Exiting the Configuration Software

**STEP 1** Exit the Insight software by either closing the window or by clicking on the Exit command under the File tab.

**STEP 2** Disconnect the laptop computer from the US5182.






The Genius of Simple™

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	<p><a href="#">TCS US5182 Air Handling Unit Controller</a> [pdf] User Guide US5182 Air Handling Unit Controller, US5182, Air Handling Unit Controller, Handling Unit Controller, Unit Controller, Controller</p>
	<p><a href="#">TCS US5182 Air Handling Unit Controller</a> [pdf] Installation Guide US5182 Air Handling Unit Controller, US5182, Air Handling Unit Controller, Handling Unit Controller, Unit Controller, Controller</p>
	<p><a href="#">TCS US5182 Air Handling Unit Controller</a> [pdf] User Guide US5182, 202305, US5182 Air Handling Unit Controller, Air Handling Unit Controller, Handling Unit Controller, Unit Controller</p>

References

- [TCS Basys | Energy Management Simplified](#)
- [TCS Basys | Energy Management Simplified](#)