

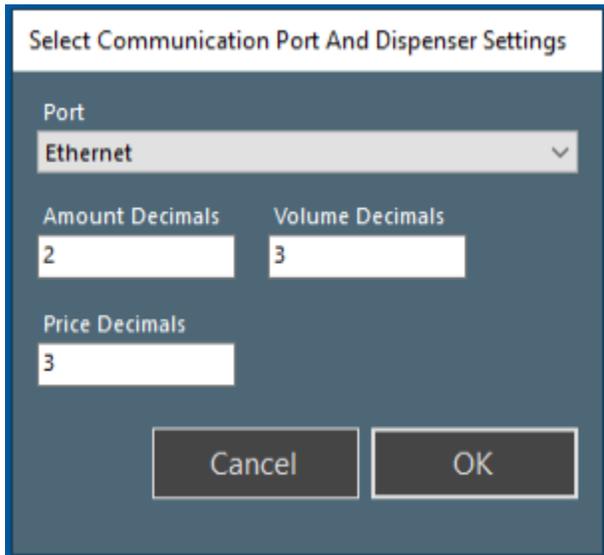
Pump Simulator

Pump Simulator is a program developed by PIE to simulate up to 16 dispensers, eliminating the need for any physical hardware during the development process of integrating to our controllers.

Setup and Use

The PIE controller must be set to use Generic protocol to use this simulator.

Run PumpSimulator.exe and select OK to use the default settings.



Select Communication Port And Dispenser Settings

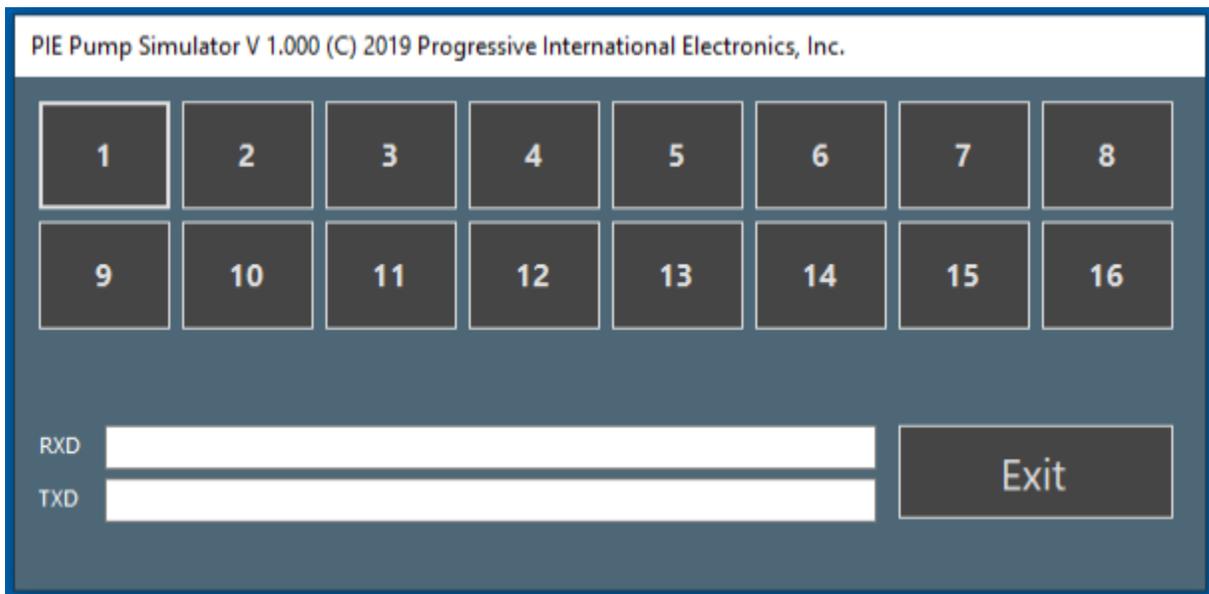
Port
Ethernet

Amount Decimals: 2 Volume Decimals: 3

Price Decimals: 3

Cancel OK

Select the Pump number to open the pump face for that Pump ID.



PIE Pump Simulator V 1.000 (C) 2019 Progressive International Electronics, Inc.

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

RXD: _____
TXD: _____

Exit

This is the dispenser face for Pump ID 1. It is possible to have multiple dispensers open at the same time to simulate a large site.

Steps to complete a transaction:

- Select the radio button below the Hose number that you want to use
- Select Cash or Credit
- Authorize the pump from the controller
- Move the slider for the Flow to begin fuel flow
- When sale is complete, move the Flow slider back to the bottom to end flow, then select the Hang Up Hose radio button
- The PIE controller should have the Sale Ready bit set. Clear the sale using the controller.

The screenshot displays the 'Dispenser No. 1' control interface. It features a dark blue background with white text and controls. At the top left, it says 'Dispenser Info' and 'Dispenser No. 1'. Below this, there are two large digital displays: 'Amount' showing '\$0.00' and 'Volume' showing '0.000'. To the right of these displays are three smaller digital displays: 'Transaction Price' showing '\$0.000', 'Authorized Amount' showing '\$0.00', and 'Authorized Volume' which is currently blank. Below these is a 'Flow' slider control with a blue knob at the bottom. A 'Sale In Process' checkbox is also present. The interface includes a grid for selecting hoses (Hose 1 to Hose 6) and payment methods (Cash or Credit). Each hose and payment method has a corresponding '\$0.000' display. At the bottom left, there is a 'Totals' section with a table showing 'Total Credit Sales' at \$0.00, 'Total Cash Sales' at \$0.00, and 'Total Volume Dispensed' at 0.000. A 'Close' button is located at the bottom right.

Totals	
Total Credit Sales	\$0.00
Total Cash Sales	\$0.00
Total Volume Dispensed	0.000