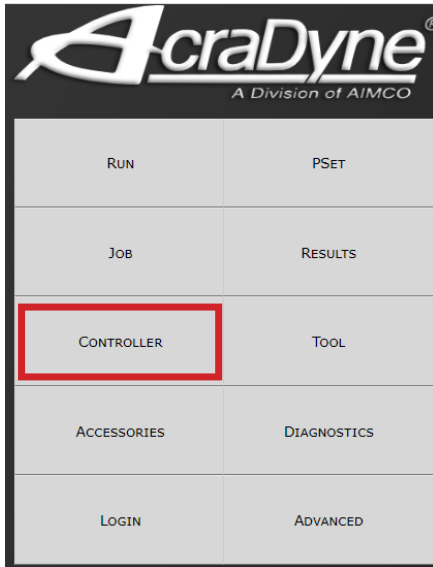
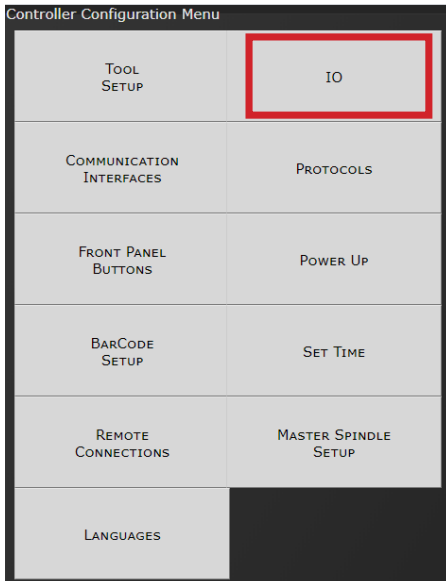


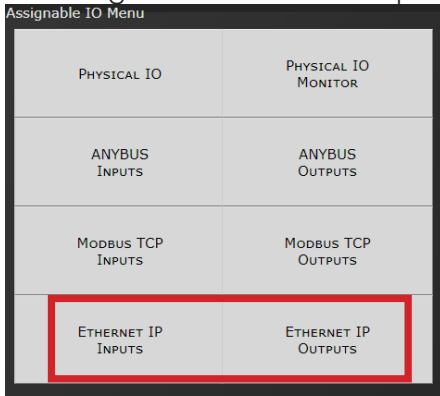
From the main menu, select Controller.



Select IO.



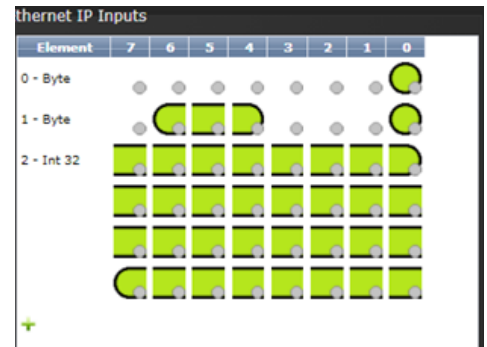
Following are the Ethernet IP options



NOTE: It is recommended that the request packed interval is configured for 100 ms.

Controller Inputs Addressing

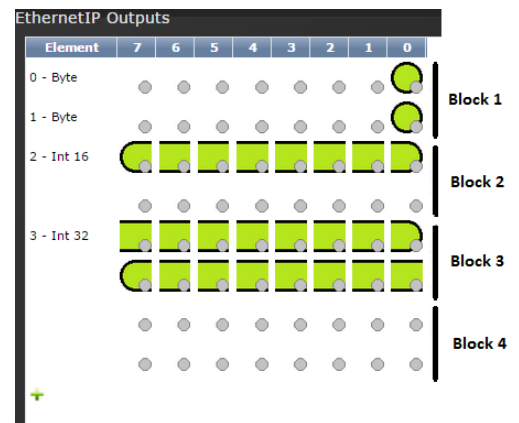
The controller's assignable inputs are mapped to the clients Ethernet/IP outputs. The Ethernet/IP outputs start at assembly instance 112 and uses



block sizes that can be allocated for 8, 16, or 32 bits. These values must match the assignments made on the controller. For most applications, it is helpful to create assignments with a size of INT16. This example is configured for a block size of 4 with a 16-bit data type.

Controller Outputs Addressing

The controller's assignable outputs are mapped to the clients Ethernet/IP inputs. The Ethernet/IP inputs start at assembly instance 100 and uses

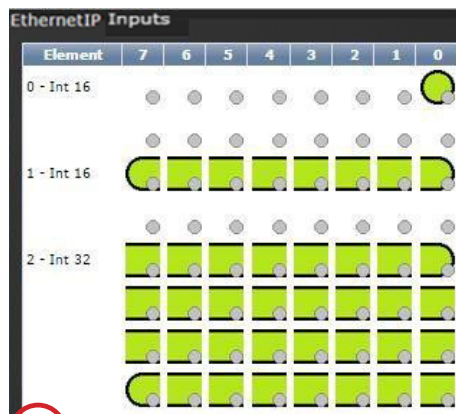


block sizes that can be allocated for 8, 16, or 32 bits.

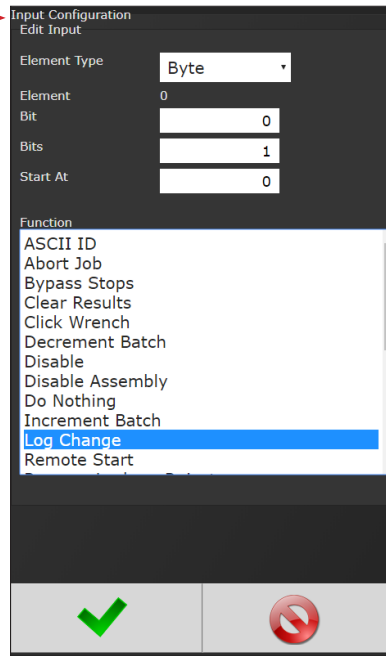
These values must match the assignments made on the controller. For most applications, it is helpful to create assignments with a size of INT16. This example is configured for a block size of 4 with a 16-bit data type.

Ethernet IP Inputs

These types of communication are useful for data communication between controller and PLCs. It is an effective, quick way for the data transfer of short data packages.



Press  to enter Input Configuration Screen



Element Type: Choose from Byte, Int16, Int32, or ASCII.

Element: Shows element # being configured

Bit: Enter Bit #.

Bits: # of bits the assignment will read.

Start at: Starting bit location.

Length (not shown): Number of Characters desired to send when in ASCII ID function

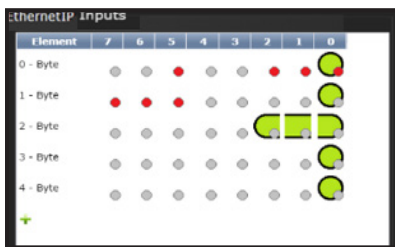
Torque (not shown): Torque value to be reported when using Click Wrench input. Value input is what will be sent from controller when Input Signal is received from a Click Wrench. **Value is NOT calculated by the controller rather it is solely what the Click Wrench is calibrated to by outside means.**


Polarity (not shown): Select Normally Open or Normally Closed Outputs.

Function: See the Gen IV Controller User Manual for more details. Select desired Input Function(s).

Click on  after appropriate selections are made.

Example of the Ethernet IP Input screen with five Inputs set up.



Click on  to change an individual Element or return to Input Configuration screen.



Will delete individual Elements.

Ethernet IP Outputs

Press to enter Output Configuration Screen

Element Type: Choose from Byte, Int16, Int32, or ASCII.

Element: Shows element # being configured

Bit: Enter Bit #.

Bits: # of bits the assignment will read.

Start at: Starting bit location.

Polarity (not shown): Select Normally Open or Normally Closed Outputs.

Mode (not shown):

- **Normal:** Output signal sent.
- **Timed Signal Sent:** Time entered in seconds
- **Flash Signal Sent:** Time entered in seconds

Function: See the Gen IV Controller User Manual for more details on assignable functions.

Click on after appropriate selections are made.

Example of the Ethernet IP Output screen with five Outputs set up.

Click on to change an individual Element or return to Input Configuration screen.



Will delete individual Elements.