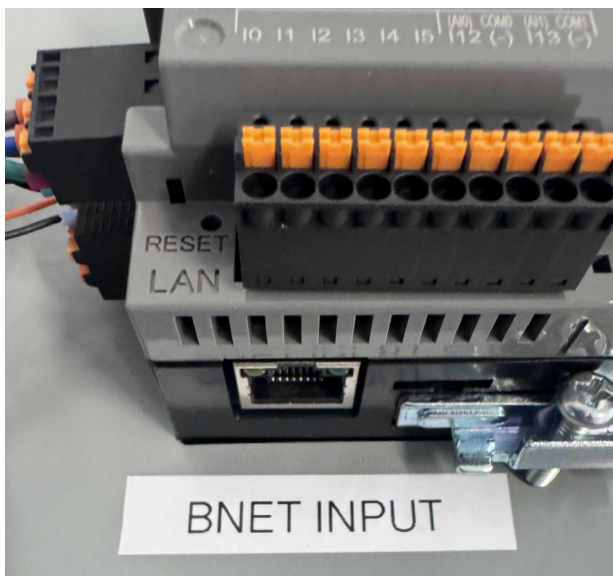


CoreControl+ BACnet to Modbus Gateway Quickstart Guide



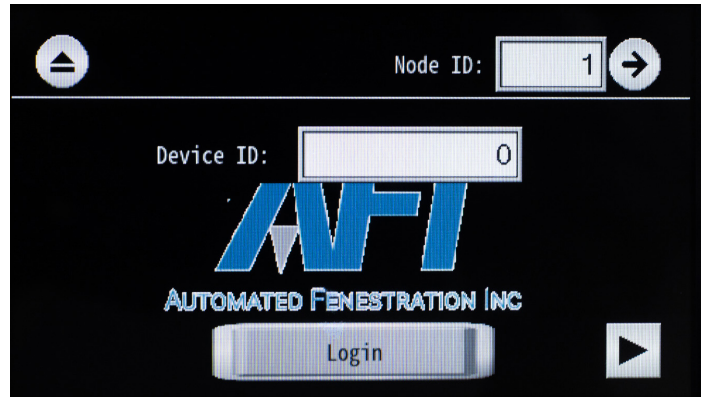
Hardware - Communications Wiring

- The gateway controller device communicates BACnet over the Ethernet port, and Modbus / ACB over the serial port
- Connect the wires from the actuator such that the orange wire pairs to the orange wire in the terminal block, and the grey wire pairs to the black wire in the terminal block.



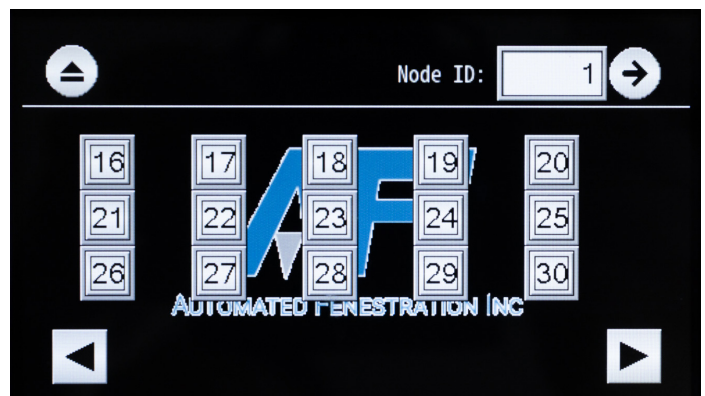
Controller - Device ID / Instance Number

- Power on the control device and wait for full boot
 - The buttons will provide audible feedback onpress when fully booted
- Press Login and enter the following credentials
 - Admin
 - AFI2025
- Enter a Device ID / Instance Number unique to the BACnet network
- Press the “Next”(▶) button



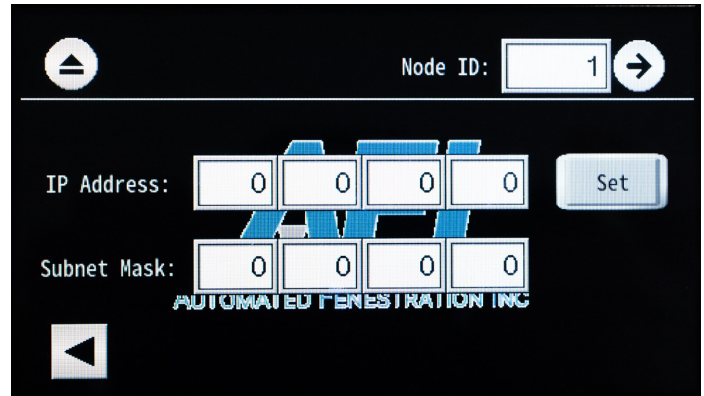
Controller - Station Set

- Select which actuator stations are to be connected to the system.
 - The first page is for nodes 1–15
 - The second page is for nodes 16–30
- All Node IDs are offset by 1 from the station address
 - (Node ID 1 should be programmed in the actuator as station 2)
- Press the “Next”(▶) button



Controller - IP Address

- Enter the desired IP Address and Subnet Mask and press the “Set” button
 - IP address and subnet masks are four octets
 - 192.168.1.150
 - 255.255.255.0
- Press the Enter a Node ID and press the “Go to” (◀) button



Controller - Node Controls

- Toggle the “BACnet/Local” button (LM0001) to local to control the actuator from the gateway controller device
- Press the “Open” button to fully extend the actuator
- Press the “Close” Button to fully retract the actuator
 - 255.255.255.0
- Enter a desired position in the “Move to Pos” field (LDR00001) and press the “Move to Pos” button to move the actuator to a desired position
 - Position is based on a percentage, where 0 is fully closed and 100 is fully open
- Press stop to halt motion in progress
- The green lamp will turn red if there is a comms error and the station has been activated
- Press the “Home” button (101) to go to the firstscreen
- Enter a new node number and press “Go to” for another node

