

# SureCross™ Temperature Probe Quick Start Guide



Configurable temperature Node with thermocouple inputs and a battery integrated into the housing, mounted on a probe

## Configuring and Binding Your Temperature Probes to the Gateway

To set up the temperature probe, BWA-TPROBE-00x, follow these steps:

### On all the Nodes

**Step 1.** Install the Node's battery.

- Unscrew the four screws that mount the cover to the bottom housing.
- Remove the cover from the housing without damaging the ribbon cable or the pins the cable plugs into.
- Install the supplied battery. Only use a 3.6V lithium battery from Xeno, model number XL-205F.
- Verify the battery's positive and negative terminals align to the positive and negative terminals of the battery holder mounted within the case. The negative end is toward the spring. Caution: There is a risk of explosion if the battery is replaced incorrectly.
- After installing the battery, allow up to 60 seconds for the device to power up.
- Mount the cover back onto the housing.



### On the Gateway

**Step 2.** SureCross Performance Gateway DX80G\*2M2S-P ships from the factory configured for Extended Addressing Mode. If using a DX80 Gateway model, set DIP switch 1 to the ON position. Refer to the Gateway's datasheet for specific instructions on how to set Extended Addressing Mode.

**Step 3.** Initiate binding mode on the Gateway by triple clicking button 2.

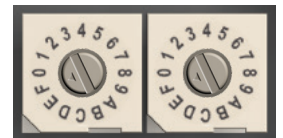
The red LEDs flash alternately when the Gateway is in binding mode. Any Node entering binding mode will bind to this Gateway.

### On Each Node

The following steps should be performed on one Node at a time.

**Step 4.** Remove the clear rotary dial cover and set both the left and right rotary dials to F to enter binding mode.

The Node enters binding mode and searches for the Gateway in binding mode. When searching for the Gateway, the LEDs flash red. When the Node finds the Gateway and is bound, the LEDs are solid red for four seconds, then the LEDs flash red simultaneously four times. The Node automatically exits binding mode.



**Step 5.** Use both of the Node's rotary dials to assign a valid decimal Device Address (between 01 and 47). The left rotary dial represents the tens digit (0 through 4) and the right dial represents the ones digit (0 through 9) of the Device Address.

**Step 6.** Repeat steps 4 and 5 for all Nodes that need to communicate to this Gateway.

### On the Gateway

**Step 7.** When all Nodes have been bound to the Gateway, single click either button 1 or button 2 on the Gateway to exit binding mode and reboot.



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