InsiteIG Tech Sheet

Upgrading PT-2 Software Version to 5 to enable communication with a MCR

1. Check that your Software Version is 3.4 (a 2016 release) or higher. Press MENU from the sensor screen. This information is located at the top right of the display. Press MENU to return to the sensor display screen.
2. Existing PT-2 units with Software Version 3.3 or lower will need to be sent to the factory for upgrading.
3. The upgrade to 3.9 MAY ERASE existing PT-2 ID, Channel Mapping, and Labels. Please make a copy of this information before the upgrade is done, it may need to be reentered after the software upgrade is complete.
4. To begin the software upgrade, open the bottom panel on the PT-2 to access the USB slot. Press MENU, then scroll down to Firmware, and press Select. Follow the on screen prompts to insert your USB drive and begin the upgrade. Once complete the unit will come back to the sensor display screen.
5. If your sensor information is not displayed, you will need to reenter your PT-2 ID and Channel Mapping information.
6. Next press MENU and check that the Modbus Address is set to 1, and the Modbus MODE is set to RTU 9600. Press MENU to return to the sensor display screen.
7. To Enable a MCR press MENU, scroll down to MCR Setup, and press Select. Change Disable to Enable by pressing + and then press Select. This will exit the screen. Press MENU to return to the sensor display screen. The default parameters on the MCR Setup screen are best left unchanged, they have been factory adjusted to provide the best data usage. Sensor channel temperature information can be tuned on at the MCR Setup screen, to enable remote temperature information if required.
8. Your unit is now upgraded to communicate with a MCR.

Connecting your PT-2 to an MCR

1. Using a 3 conductor cable connect the PT-2 MODBUS terminal connections to the MCR MODBUS terminal connections. Connect terminals: + to +X, - to -X, and GWD to XCOM.
2. Next you connect to the MCR's local Wi-Fi using the InsiteIG app to setup the Time Zone and Device Name. This process can be found in the MCR Manual or MCR Quick Setup video at InsiteIG.com.
3. Lastly use the app or go to connect.insiteig.com, and login to your InsiteIG account to add your MCR. If you do not have an account you can create an account and add the MCR in the process. Instructions can be found in the MCR Manual or MCR Quick Setup video at InsiteIG.com.

MCR Manual

MCR Quick Setup Video

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