GS3060 PCB Replacement Guide

These instructions must be used in conjunction with the GS3060 Installation Manual; Observe all the specified safety precautions during the board replacement.

NOTE: *The GS3060 PCB must be replaced by service persons only.*

1. Completely power down the GS3060 by removing power to the +12V input terminal and disconnect the battery leads (red and black wires).
2. Disconnect the telecommunications network wiring and any connection to the other terminals.
3. Carefully disconnect the GSM antenna from the GSM radio module on the GS3060. To remove the cable from the radio module, insert a small, flat head screwdriver between the cable and the radio module then gently pry the plug loose.

NOTE: *Any other method for removal of the antenna may cause permanent damage to the on-board connector.*

4. The GS3060 PCB is secured by 4 plastic standoffs located at the four corners of the board. Carefully squeeze the top of each standoff so that you can release the PCB from the standoff, needle nose pliers are recommended.
5. If you break the standoff you will have to remove the cabinet from the wall to remove the broken standoff. Extra standoffs are provided with the replacement PCB.
6. Once the old PCB is removed from the cabinet, carefully remove the SIM card from the PCB. *Slide* the SIM card holder to the left, in the direction labeled **"OPEN"** on the SIM card holder.
7. Insert the SIM card into the replacement PCB. The notch on the SIM card should face towards the LEDs. Once the card is properly seated in the connector, press down and *slide* it into the **"LOCK"** position as indicated on the SIM card holder.
8. Reconnect all the wiring to the terminals, except power (i.e., do not attach the battery or apply power to the +12V terminal).
9. Perform a hardware default to force the unit to get the latest configuration:
    • Make sure the unit is still powered down.
    • Place a wire (i.e., short) between the PGM1 and Input 1 (i.e., Z1) terminals on the GS3060.
    • Connect the battery first then apply power to the +12V input terminal. This performs a hardware default and requests the configuration from Connect 24.
    • Wait at least 10 seconds before removing the wire between PGM1 and Input 1.

NOTE: *A Hardware default must be performed when the SIM card is being swapped.*

The red and yellow LEDs will flash indicating the unit is establishing a connection to get its programming from the network, this may take several minutes. Please refer to the GS3060 Installation Manual if the red LED starts to flash on its own.