



2100-GSM4 (Does not support Communication Failure)

Items Needed:

Not Provided

- GSM based standard size SIM card (25mm x 15 mm)
- 120vac battery backed-up power source (RATH® RP7700100)
- RATH® 2100 series phone

Provided

- Dual-band antenna
- 12vdc plug-in transformer



Part #: 2100-GSM4

Dimensions: 7.75" H x 5.25" W x 1.625" D

Weight: 6.5 oz

Installation:

1. Locate the SIM card slot on the side of the cellular gateway. Press the yellow circle next to the SIM card slot and push until drawer pops out. Insert the SIM card in the drawer and slide the drawer back into the cellular gateway. The gold contact side faces down and the corner edge without the cut out goes in first. See Figure 1 for correct seeding of SIM card slot.
2. Screw the provided dual-band antenna into the ANTENNA port on the 2100-GSM4. The antenna should be mounted in an area that allows for a strong cellular signal.
3. Using the provided plug-in transformer, plug the barrel side into the power connector on the 2100-GSM4. Plug the other end into a 120v battery backed-up power source.
4. Press in on the "ON/OFF" button on the unit.
5. Allow at least 3 minutes for unit to fully boot. When the unit is fully booted and connected to a cellular network, the status lights should be as follows:
 - PWR** = Solid
 - RDY** = Solid
 - NW** = Blinking
 - FXS** = Off

Note: If RDY light continues to blink, the SIM card is not registered properly with your provider. Check that the SIM card is properly installed and that it has valid activation with a GSM cellular carrier.
6. Connect two wire connection from the RJ11 jack on the RATH® 2100 series phone to the "FXS" port on the 2100-GSM4.
7. Unit is ready for testing.

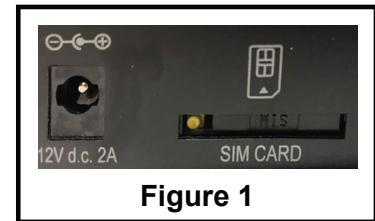


Figure 1



2100-GSMLC4 (Supports Communication Failure)

Items Needed:

Not Provided

- GSM based micro SIM card (15mm x 12 mm)
- 120vac battery backed-up power source (RATH® RP7700100)
- RATH® 2100 series phone

Provided

- Dual-band antenna
- 12vdc plug-in transformer
- Secondary GPS antenna



Part #: 2100-GSMLC4

Dimensions: 6.5" H x 5.2" W x 1.2" D

Weight: 13 oz



2100-GSMLC4 (Back)

Installation:

1. Locate the SIM card slot on the side of the cellular gateway. Insert the SIM card into the slot. The gold contact side faces down and the chamfered corner edge goes in first. Use a small flat head screw driver to push in on the SIM card until it “clicks” into place.

Note: Do NOT use a SIM card adapter to install nano sized SIMs into the 2100-GSMLC4. The adapter edge can catch and cause permanent damage.

2. Screw the provided dual-band antenna into “CELL 1” port on the 2100-GSMLC4. Antenna should be mounted in an area that allows for a strong cellular signal.
3. Screw the provided flat GPS antenna in “GPS” port on the 2100-GSMLC4.
4. Using the provided plug-in transformer, plug the barrel side into the power connector on the 2100-GSMLC4. Plug the other end into a 120vac battery backed-up power source.
5. Allow at least 3 minutes for unit to fully boot. When the unit is fully booted and connected to a cellular network, the status lights should be as follows:

POWER = Solid Red

STATUS = Rapid Flashing Green

CELL= Blinking Green

GPS = Green

SIGNAL STRENGTH BARS = At least 2 or more bars illuminated

Note: If CELL light remains red, it is usually an indication of a poor antenna connection or a problem with the activation on the cellular network. Verify that the SIM card is properly installed and that it has valid activation with a GSM cellular carrier.

6. Connect two wire connection from the RJ11 jack on RATH® 2100 series phone to the “FXS” port on the 2100-GSMLC4.
7. Unit is ready for testing.

