



Cellular gateway MOCGW01 user Manual

iMetrikM2M Cellular gateway solution Model MOCGW01 contains

*FCC ID: O69-MOCGW012012 & IC: 8460A-20100108007
FCC ID: ZTL-RFSC1 & IC: 9794A-RFSC1*

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Introduction

iMetrikM2M's new cellular gateway is an advanced wireless M2M gateway that enables fast time-to-market solutions for a wide range of M2M applications.

The gateway comes integrated with GSM/GPRS module and a wireless access point network (WAN) from Monnit, the leader in low cost wireless sensors.

iMetrikM2M's cellular gateway is specifically designed to respond to the increasing market need for global technology that accommodates a variety of vertical M2M application segments and remote wireless sensor management solutions.

The gateway comes pre-activated on the GSM network, avoiding the need to negotiate for mobile operator connectivity contracts and configuration set-up.

Getting Started

The Cellular Gateway runs on AC/DC adaptor, also there is an internal rechargeable battery back-up in the event of an AC power failure.

1. Plug the AC adaptor in the AC adaptor jack and power on the gateway.
2. Check the LED indicators (Fig 3) sequence as shown in the description section and verify that at the end all three LED are green.
3. Use an external Monnit wireless sensor switch (supplied by Monnit) to verify the unit is working properly:
 - a. Activate the sensor to send the signal to the unit
 - b. Verify the sensor LED 3 is blinking
 - c. Check the LED sequence (figure 3) and wait until all three LEED are green
 - d. Go to Monnit portal (www.monnit.com) and login into your account to check if the signal from the sensor has been received.

Safety and Regulations

When using the Cellular Gateway, follow these basic safety precautions to reduce the risk of fire, Electric shock and personal injury:

- Read the entire manual and understand all instructions.
- Unplug this unit from wall outlets before cleaning. Do not clean the unit with liquid or aerosol cleansers. Use a dry or slightly damp cloth for cleaning.
- Do not use this unit near water.
- Never place this unit near radiators or near a place where proper ventilation is not guarantee.
- Use only the power source supplied with this unit.
- Do not disassemble this unit. Take it to approved iMetrik service representative when service or repair is required

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Description

Figure 1

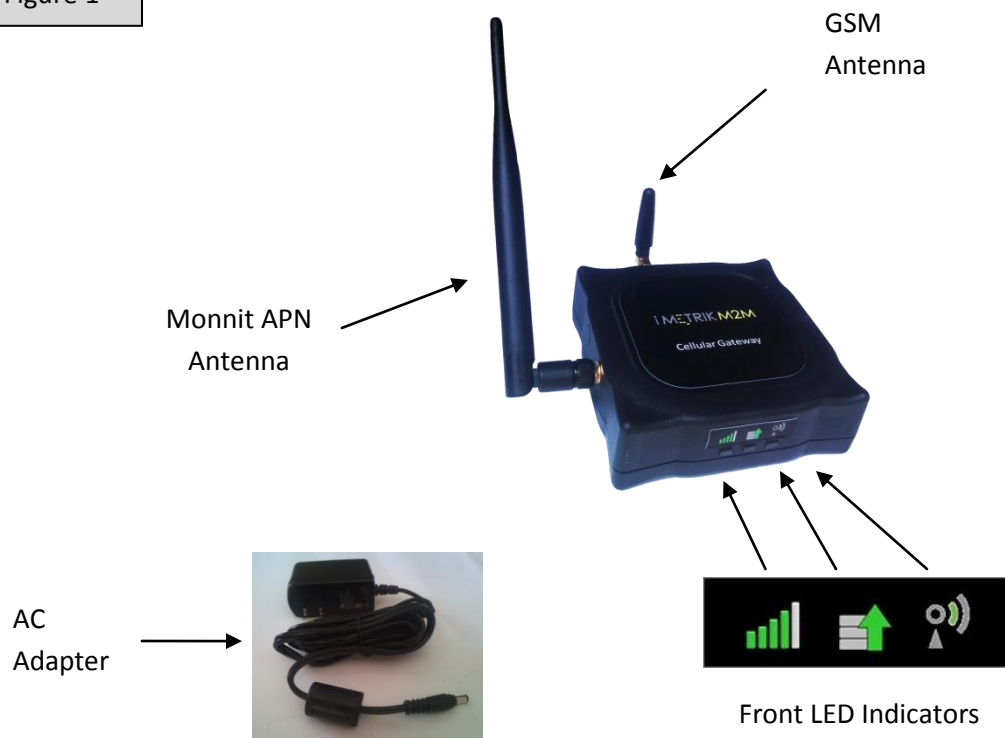
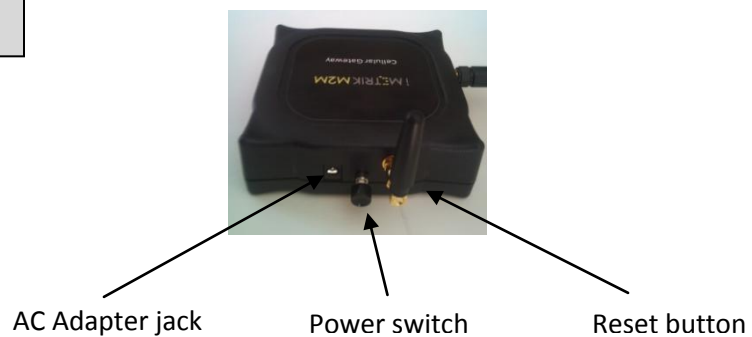
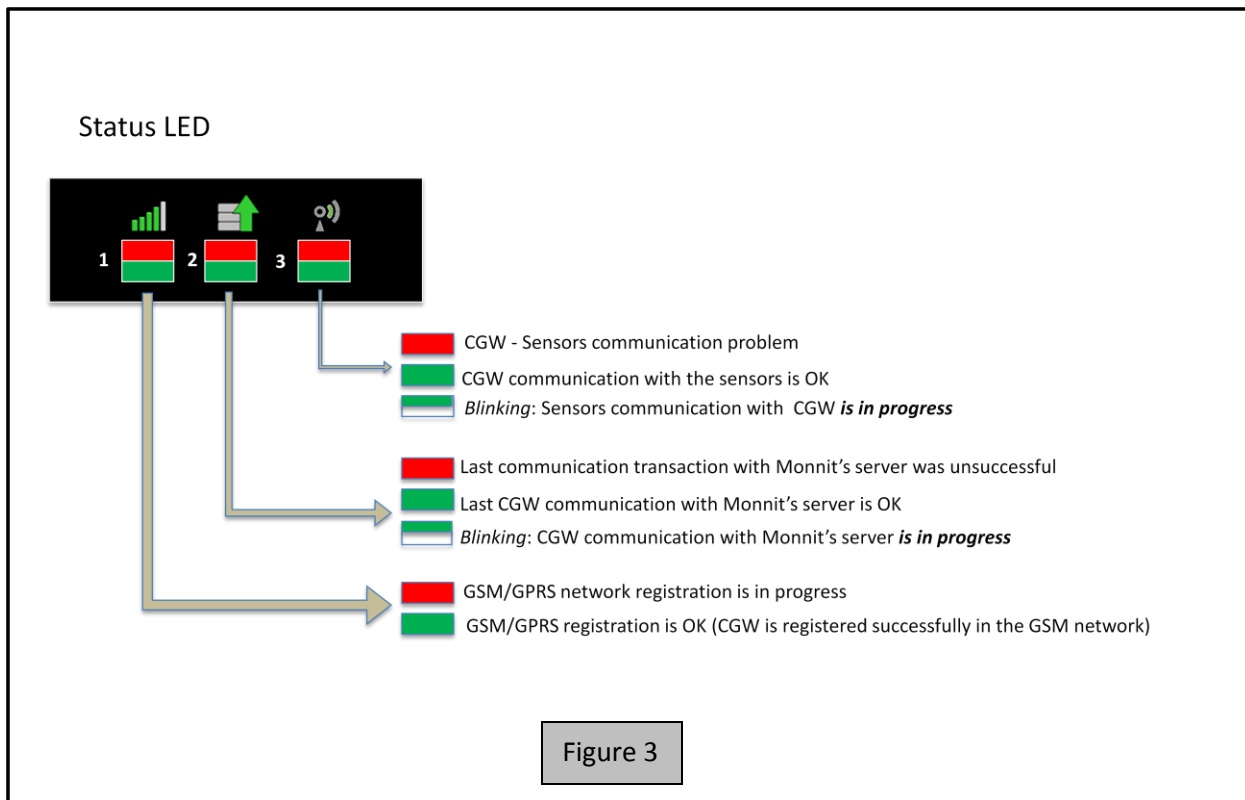


Figure 2



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Regulatory Requirements

PLEASE READ THIS SECTION CAREFULLY

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

WARNING:

To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended..

The distance separating the two antennas should be kept equal or greater than 5cm.

WARNING:

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received including interference that may cause undesired operation.

WARNING:

Changes or modifications not expressly approved by iMetrikM2M Inc. could void the user's authority to operate the equipment.

Labeling requirements

The following label should be placed on the outside of the final product unit.

Model No:MOCGW01

Contains FCC ID: O69-MOCGW012012 & IC: 8460A-20100108007

Contains FCC ID: ZTL-RFSC1 & IC: 9794A-RFSC1

This device complies with part 15 of the FCC Rules.

Operation is subject to the following tow conditions: (1)

This device may not cause harmful interference, and (2)

this device must accept any interference received, including interference that may cause undesired operation