

**WALCHEM**

IWAKI America Inc.

GPRS Modem Option Installation

***WebMaster*<sup>®</sup> / *WebAlert*<sup>®</sup>**  
**GPRS Modem Option**  
**Installation Manual**

**Notice**

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**P/N 180305.E**  
**October 2012**

## 1.0 Introduction

The GPRS modem option provides remote communications with any USB-style WebMaster® or WebAlert™ controller, using the VTouch server. This permits changing of set points, downloading of data files, emailing of reports, and alarm notification.

The user must obtain an **unlimited data usage** GPRS account from a local cell service provider, receive a SIM card, and install this in the modem. An activation key for the service is provided by Walchem to allow use of the server. Walchem offers the GPRS service, pre-programmed, or the user may obtain their own account.

Once the controller is programmed correctly it will connect to our VTouch server using a secure connection over the Internet. This connection will be dropped and restored on a regular basis throughout the day as a further security measure. It will not be connected to the Internet at the same IP address for very long.

When you want to connect live to the controller, simply log onto our VTouch server, click on the Live Connect icon, and you will be instantly connected to the controller. Its unique user name and password are required to enter the controller.

The GPRS cell service is a data only plan. The modem is not capable of answering a phone call, and therefore modem-to-modem communications is not possible as it is with the landline modem option.

## 2.0 WebMaster Installation



**CAUTION!** There are live circuits inside the controller even when the power switch on the front panel is in the OFF position! The front panel must never be opened before power to the controller is REMOVED!

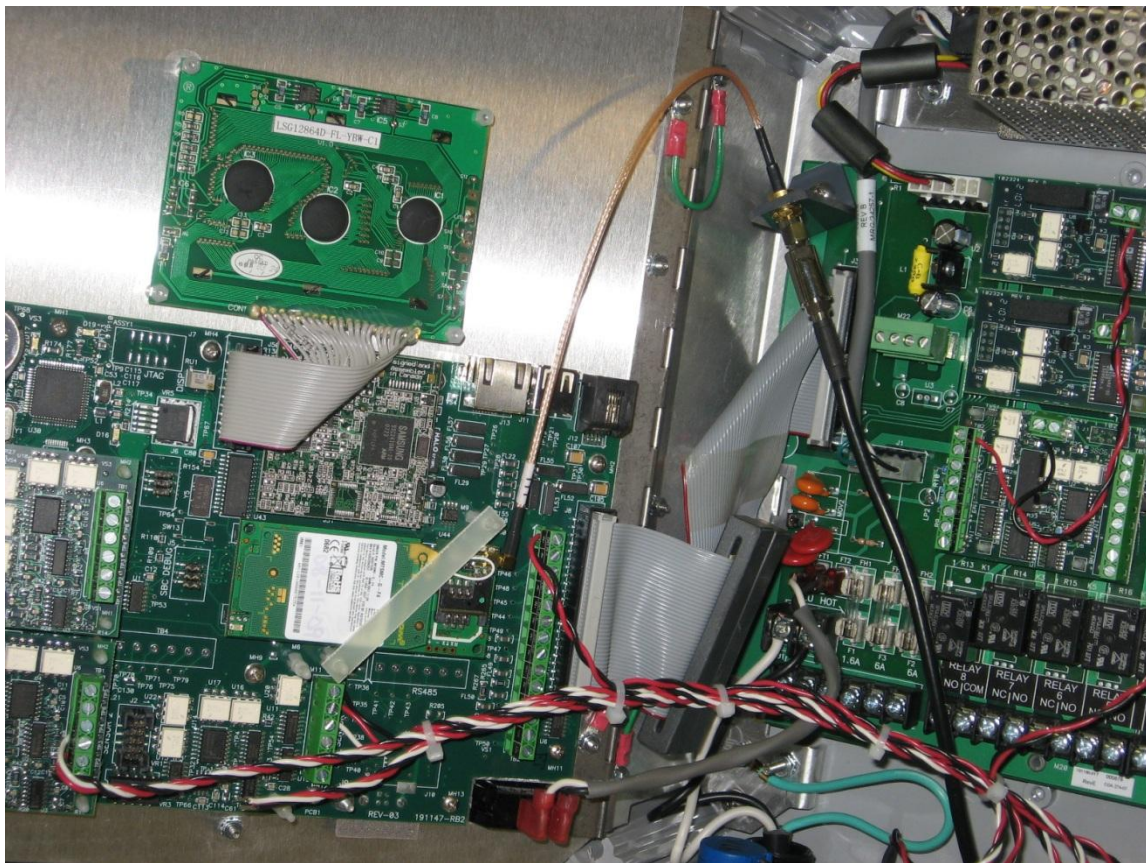
If your controller is prewired, it is supplied with a 10 foot, 14 AWG power cord with USA style plug and 8 inch, 18 AWG USA style receptacle cords for the powered relay outputs. A tool (#1 Phillips screwdriver) is required to open the front panel.

1. Plug the modem into the connector oriented as shown below, taking care not to bend or break any pins
2. Use the 103271 truss to hold the modem in place
3. Insert the SIM card into the slot as shown below. The notched corner must be oriented to match the outline silk-screened on the modem. Never insert or remove the SIM card with power connected!

## SIM Card Installation



4. Run the coaxial antenna cable into the controller through a watertight strain relief.
5. Install the plastic bracket on the corner of the relay board
6. Thread the antenna cable to the 103357 SMA to FME adapter.
7. Thread the 103786 SMA to UFL cable to the adapter.
8. Snap the small end of the 103786 cable into the UFL connector on the upper right corner of the modem.



## Cable Installation

### 3.0 WebAlert Installation

1. Plug the modem into the connector oriented as shown below, taking care not to bend or break any pins
2. Use the 103271 truss to hold the modem in place
3. Insert the SIM card into the slot as shown below. The notched corner must be oriented to match the outline silk-screened on the modem. Never insert or remove the SIM card with power connected!
4. Run the coaxial antenna cable into the controller through a watertight strain relief.
5. Install the plastic bracket on the corner of the process monitor board using the supplied screw
6. Thread the antenna cable to the 103357 SMA to FME adapter.
7. Thread the 103786 SMA to UFL cable to the adapter.
8. Snap the small end of the 103786 cable into the UFL connector on the upper right corner of the modem.

