

V2.01

EAGLE™

Energy Access Gateway Link to Ethernet

Quick Start Guide

Legal Notices

This device complies with part 15 of the FCC Rules. 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. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC/IC RF Exposure Statement

This equipment complies with FCC and Industry Canada radiation exposure limits set forth for an uncontrolled environment. The antenna(s) used for this equipment must be installed to provide a separation distance of at least 8 inches (20cm) from all persons.

ICES-003 Compliance

This Class B digital apparatus complies with Canadian ICES-003.

Note: 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.

Compliance Regulations For Australia and New Zealand

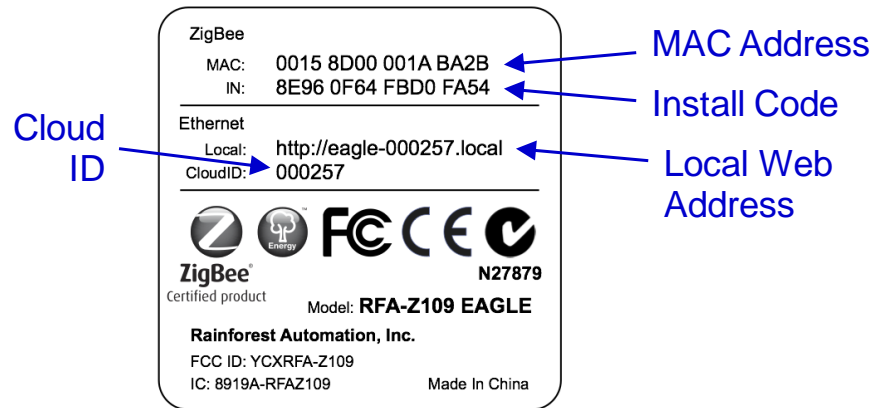
This equipment complies with the C-Tick labeling requirements for Australia and in New Zealand. As a radio transmitter, this device complies with the requirements of AS/NZS 4268:2008 as designated in the Radiocommunications (Short Range Devices) Standard 2004 for Australia and as required by the Radiocommunications Regulations (General Users Radio License for Short Range Devices) Notice 2011 for New Zealand. This device is a Category A device as defined in the Radiocommunications (Compliance Labeling - Electromagnetic Radiation) Notice 2003.

Software Licensing

The software included in this product contains copyrighted software that is licensed under the GPL. A copy of that license is included at the end of this document. You may obtain the complete Corresponding Source code from us for a period of three years after our last shipment of this product, which will be no earlier than 2011-08-01, by sending a money order for USD\$5 plus international postage from Canada to: GPL Compliance Division, Rainforest Automation, 34 West 7th Ave, Vancouver, BC, V5Y 1L6. Please write "source for EAGLE " in the memo line of your payment. You may also find a copy of the source at: https://www.freescale.com/webapp/sps/download/license.jsp?colCode=L2.6.35_MX28_SDK_10.12_SOURCE&appType=file2&location=null&DOWNLOAD_ID=null

This offer is valid to anyone in receipt of this information.

Rainforest EAGLE™ Information Label (found on the underside of the device)



Setup

Step 1: Prerequisite software and hardware

- 1) A free Ethernet port on a router directly connected to the Internet.
- 2) A PC or other device with a web browser.

Step 2: Register your EAGLE™

Your **EAGLE™** must be registered with your utility to connect to the smart meter. You will need to contact your utility with two numbers (MAC Address and Install Code) that can be found on the Information Label.

Note that it may take some time for your utility to enable the smart meter to connect with your device. *You must wait until this process is complete before proceeding; your **EAGLE™** will not function correctly until the smart meter is enabled.*

Step 3: Power up your EAGLE™

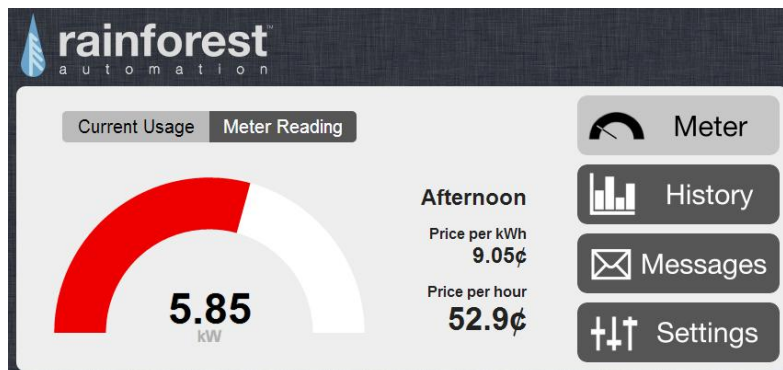
- 1) Plug the Ethernet cable into a port on your router, and the other end into the Ethernet port on your **EAGLE™**.
- 2) Plug the AC adapter into a nearby wall outlet, and plug the other end into the power socket on your **EAGLE™**.
- 3) Allow two minutes for the device to boot up. You should see that 3 of the 4 status LED lights (not the Cloud) are all on continuously. This indicates that the unit is functioning normally.



Step 4: Connect to your EAGLE™

You should now be able to connect to your **EAGLE™** using a web browser. The computer running the web browser must be **connected to the same router** as the **EAGLE™**, and the computer must also be running multicast Domain Name System (mDNS), which is known as Bonjour on Apple computers. mDNS may be already installed on your computer, as many printers and Apple's iTunes use this protocol. If you need to manually install mDNS on your Windows PC, you can find instructions at: <http://support.apple.com/kb/DL999>

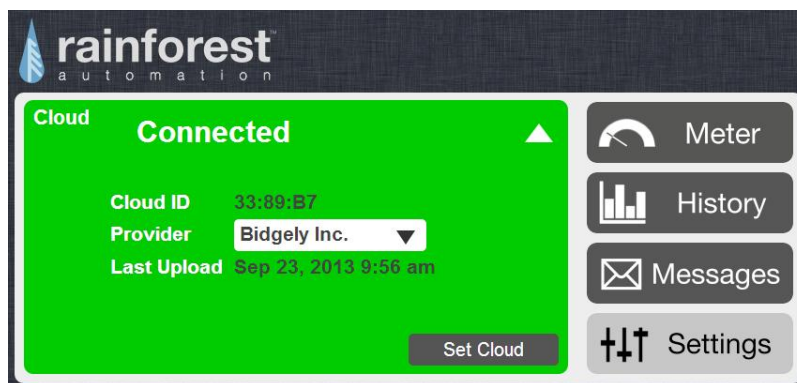
Type the Local Web Address of the **EAGLE™** (found on the Information Label) into the URL field of your web browser and connect. When your web browser connects to the **EAGLE™**, you should see the Web Viewer "Usage" page:



Note that you may have to wait a short while until the data is loaded

Connecting to a Cloud Service

To set up a connection to the Cloud Service of your choice, click the **Settings** button in the lower right corner of the Web Viewer. Then click the white triangle on the right side of the "Cloud" bar to get the Cloud sub-page.



Select the Cloud Service you want from the drop-down menu for "Provider", and click the "Set Cloud" button at the bottom right. To complete your connection to the Cloud Service, you will have set up an account with them. You will need to indicate that data will be coming from a Rainforest **EAGLE™** device, and supply the 6-digit Cloud ID that can be found on the Information Label on the underside of your **EAGLE™**.

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Version 2, June 1991

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