UBIQUITI NETWORKS

mPower™ mini

mFi Power Adapter with Wi-Fi Connectivity

Model: mPower mini

Quick Start Guide

Introduction

Thank you for purchasing the Ubiquiti mFi™ mPower™ mini. The mPower mini is a power adapter with Wi-Fi capability that is designed for use with the Ubiquiti mFi platform. Once connected, you can use the mFi Controller software to monitor the energy usage of the attached device and define automation rules using your web browser. Rules detail what actions occur when trigger conditions are met. This Quick Start Guide is designed to guide you through the installation and also includes the Warranty terms.

Package Contents

mPower mini

Quick Start Guide

System Requirements

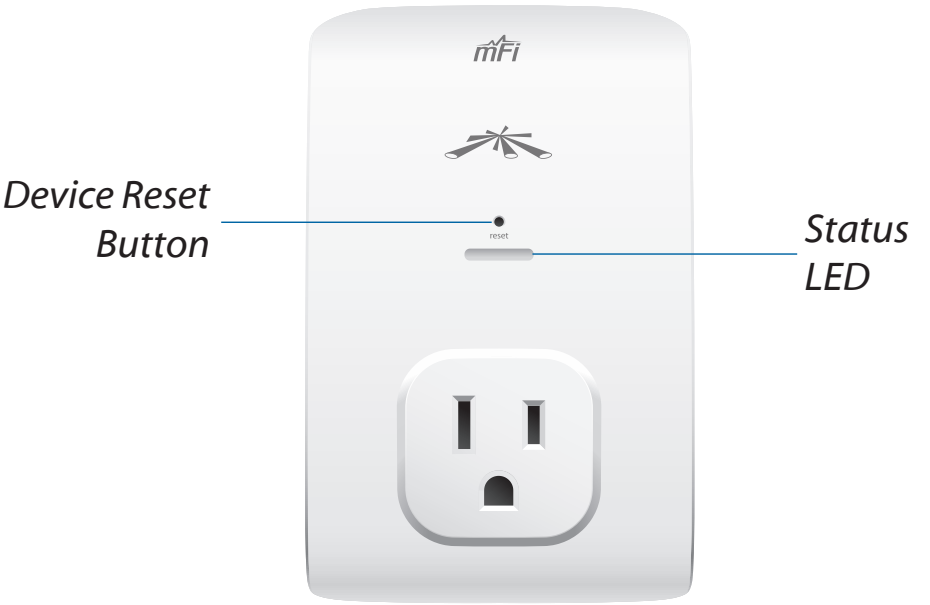
- Wi-Fi Network

Cloud Support

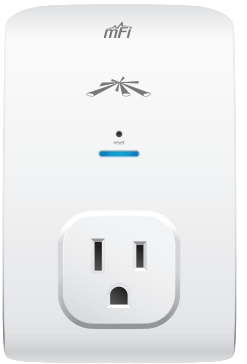
The mFi Controller software can be installed on a local system or run from the cloud at **mfi.ubnt.com**. Using the cloud allows you access from anywhere with an Internet connection.

Hardware Overview

Front



Status LED The *Status* LED has four primary states:



- **Solid yellow** When first powered on in factory default mode.
- **Flashing yellow** Connecting to a Wi-Fi network.
- **Solid blue** Successfully connected to mFi Cloud or Controller.
- **Flashing blue** Connecting to mFi Cloud or Controller.

Device Reset Button The *Device Reset* button serves two functions:

- **Restart** Restarts the device when you press and release it quickly.
- **Restore Factory Defaults** Press and hold until the LED alternates colors to restore the device to the factory default settings.

Hardware Installation

The mPower mini plugs into a standard power outlet.

Software Download and Installation

For local mFi Controller installations, the mFi Controller software is installed just once when you initially create a mFi network. It is not necessary to go through the software installation process every time you add another mFi device.

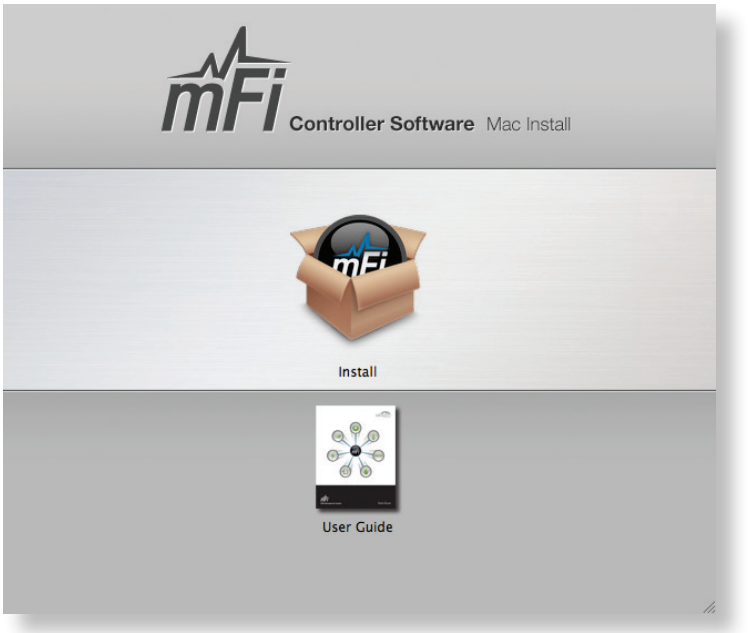
Note: If you are using the cloud, there is no need to install the mFi Controller software on a local system. Skip to *Configuring the mPower mini via Wi-Fi* on page 11.

The mFi Controller software can be downloaded from the Ubiquiti Networks website.

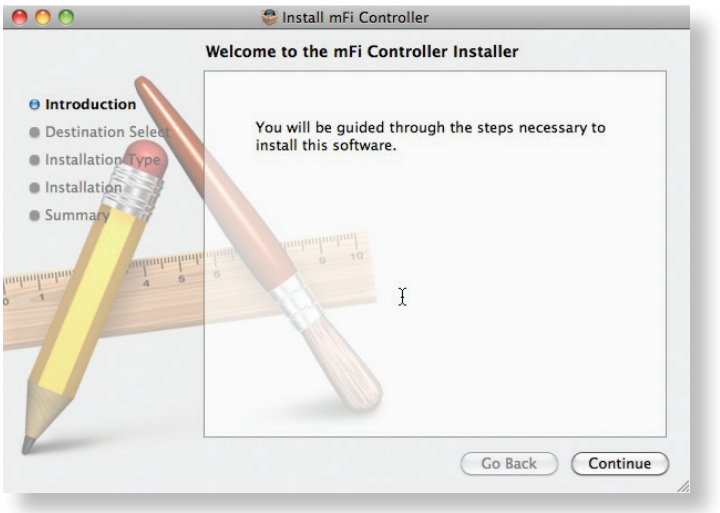
1. Go to **downloads.ubnt.com/mfi**
2. Mac users should download **mFi.dmg** and Windows users should download **mFi-installer.exe**.
3. Follow the instructions for your computer type.

Mac Users

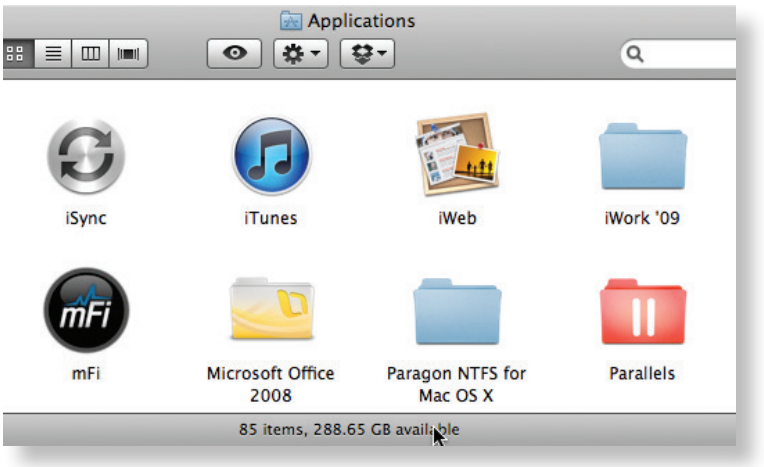
1. Open the **mFi.dmg** file.
2. Click the **Install** icon.



3. Click **Continue** and follow the on-screen instructions to install the software.



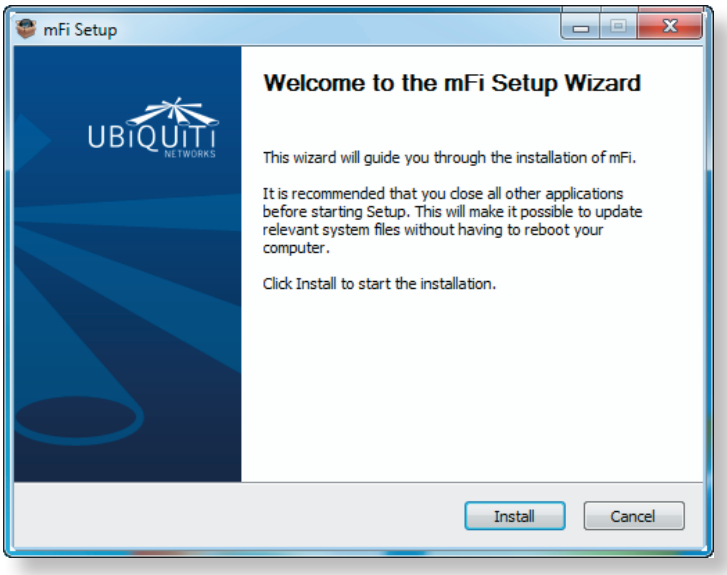
4. Go to **Go** > **Applications** and double-click the **mFi** icon.



Proceed to *Configuring the mFi Controller Software* on page 8.

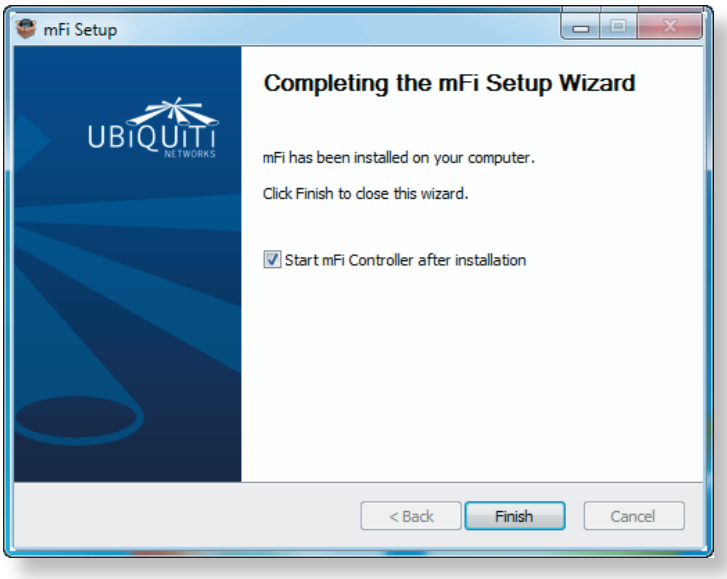
PC Users

1. Launch **mFi-installer.exe**.
2. Click **Install**.

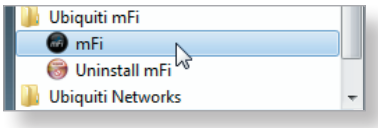


3. If your computer doesn't have Java 1.6 or above installed, you will be prompted to install it. Click **Install** to continue.

4. Ensure the *Start mFi Controller after installation* option is checked and click **Finish**.

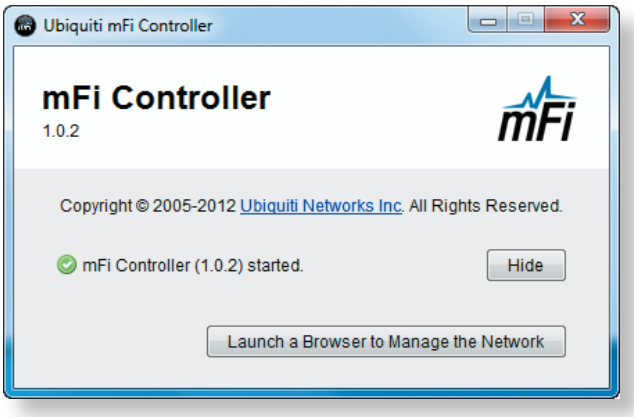


Note: The mFi Controller software can also be launched from **Start** > **All Programs**.

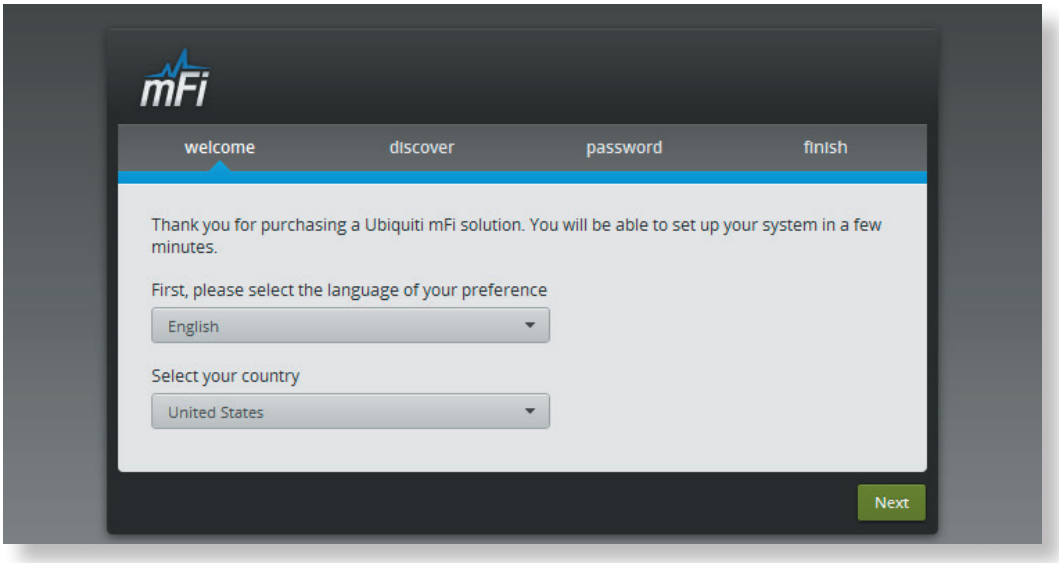


Configuring the mFi Controller Software

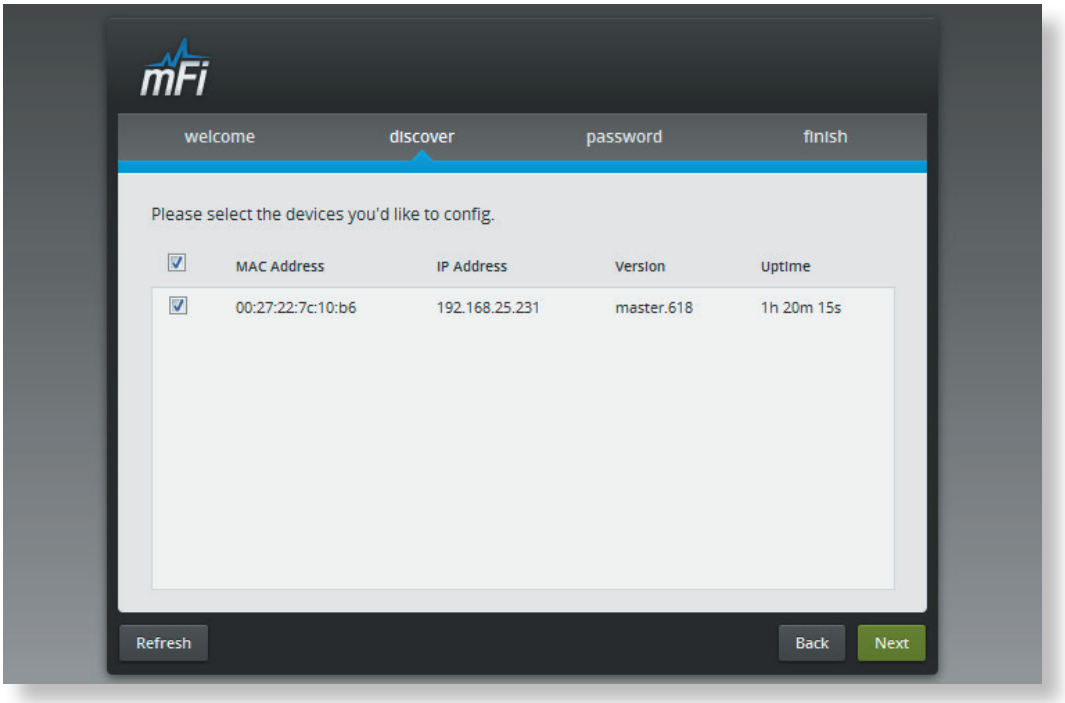
1. The mFi Controller software startup will begin. Click **Launch a Browser to Manage the Network**.



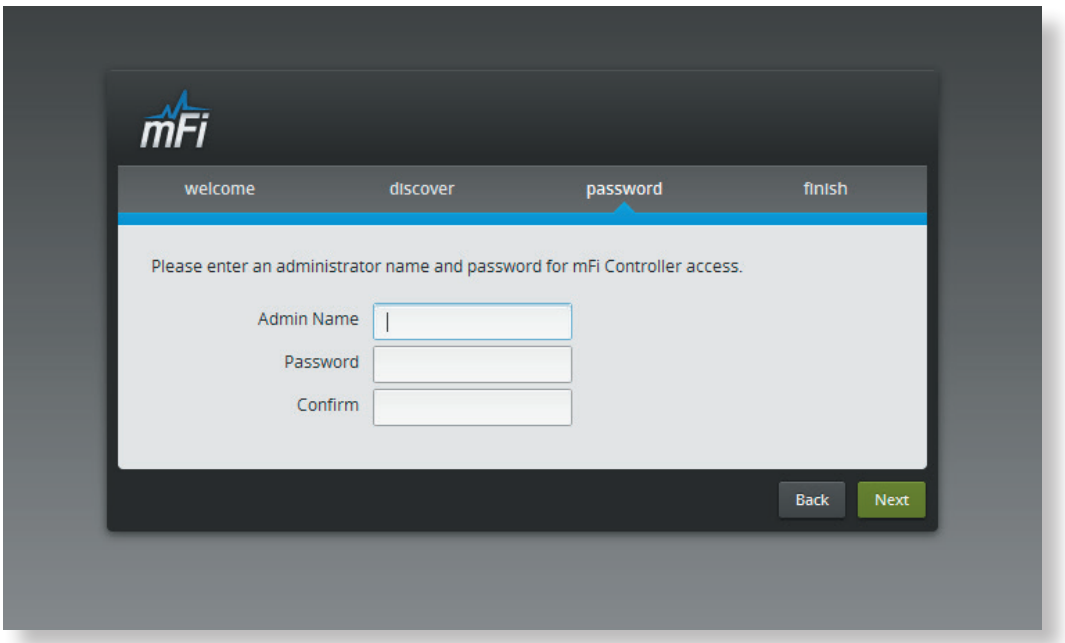
2. The *mFi Configuration Wizard* will appear the first time you launch the mFi Controller software. On the *Welcome* screen, select your language and country. Click **Next**.



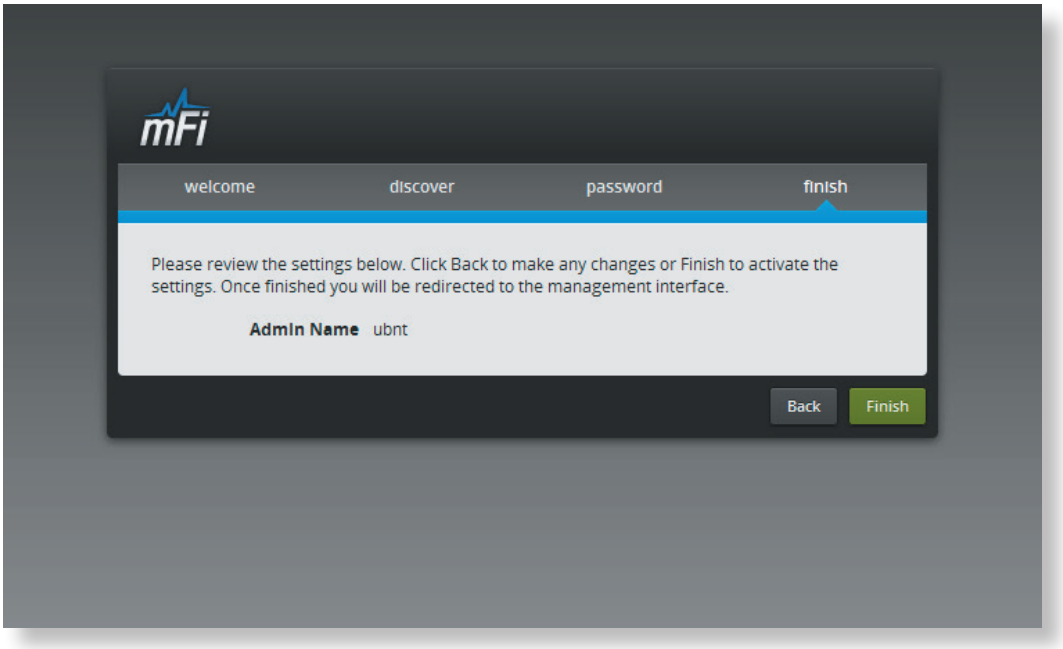
3. Select the device(s) that you want to configure. The *Refresh* button can be used to refresh the list of devices. Click **Next** to continue.



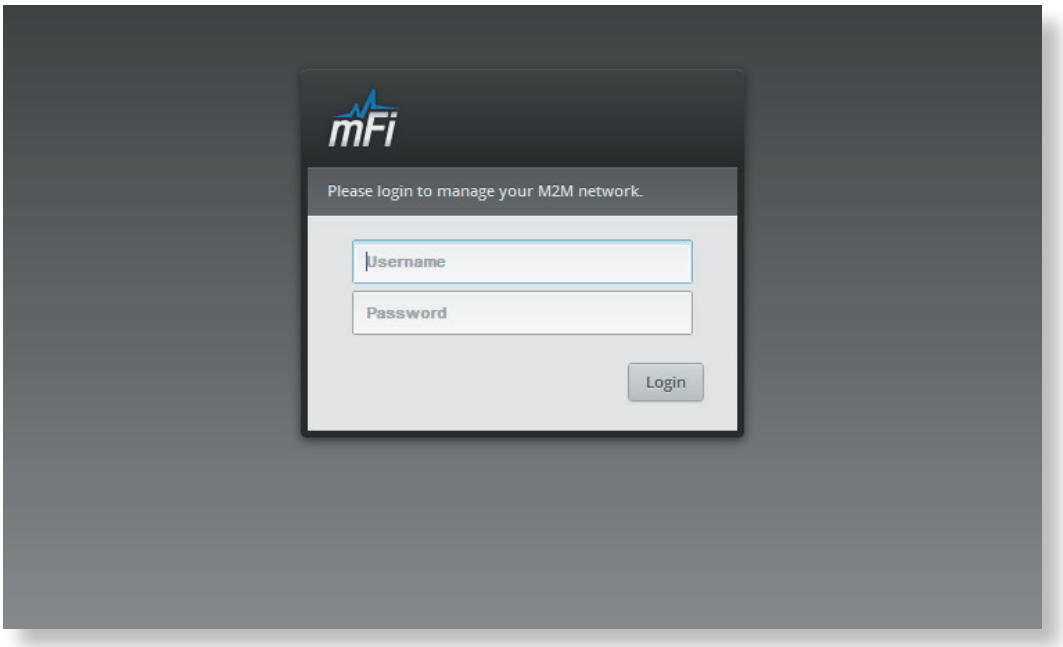
4. Enter an administrator name in the *Admin Name* field. Enter a password in the *Password* and *Confirm* fields. Click **Next**.



5. Click **Finish** to confirm your settings.



6. A login screen will appear for the mFi Controller management interface. Enter the *Admin Name* and *Password* that you created and click **Login**.



Configuring the mPower mini via Wi-Fi

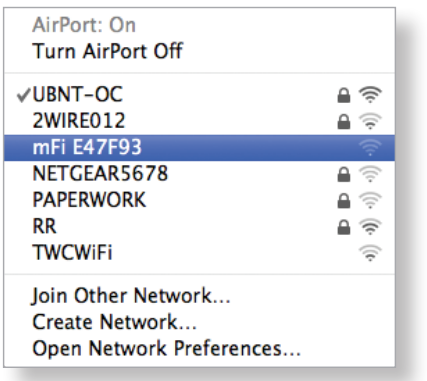
To configure the mPower mini, you must access it via Wi-Fi from a computer. The mPower mini has a default SSID (wireless network name) labeled *mFi* followed by the last six characters of the MAC address.

Windows

1. Go to **Connect to Network**.
   - **Windows 8** Click the *Network* icon.
   - **Windows 7** Right-click the *Network* icon.
   - **Windows Vista** Go to **Start** > **Connect To**.
   - **Windows XP** Right-click the *Wireless Network* icon in the *System Tray* (lower right corner of the screen). Click **View Available Wireless Networks**.
2. Select the wireless network (SSID) that begins with *mFi* and then click **Connect**. Go to *Accessing the Configuration Portal* on page 12.

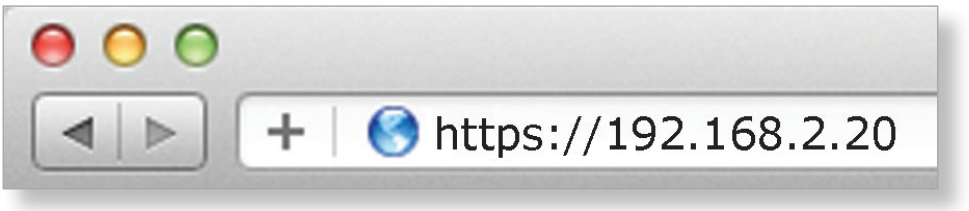
Mac

1. Click the *AirPort* icon in the menu bar (top right side of the screen).
2. Select the wireless network (SSID) that begins with *mFi*. Once connected, the *AirPort* icon will change from gray to solid black.



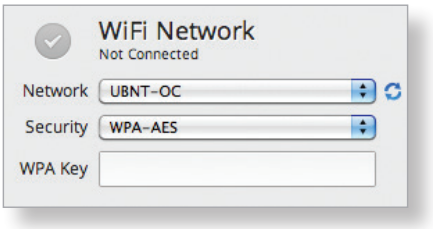
Accessing the Configuration Portal

1. Launch your web browser. Type **https://192.168.2.20** in the address field. Press **enter** (PC) or **return** (Mac).

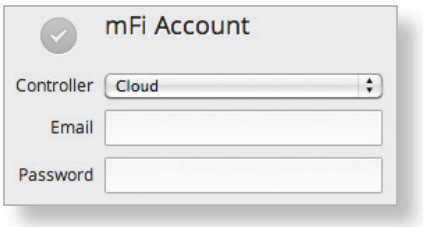


2. You may receive a security certificate warning. Click **Proceed Anyway**.
3. The *Configuration Portal* will appear. Select the wireless network name (SSID) of your existing wireless network from the drop-down list. To refresh the list, click the blue arrows on the right.

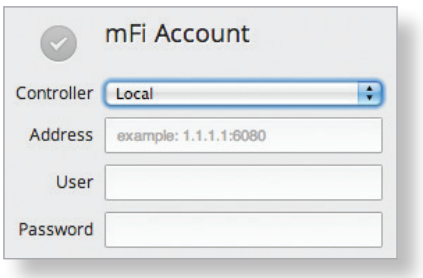
4. Enter your Wi-Fi security credentials. The options that appear are based on the encryption method used on your Wi-Fi network.



5. Select either the *Cloud* or *Local* mFi Controller and enter the account settings:



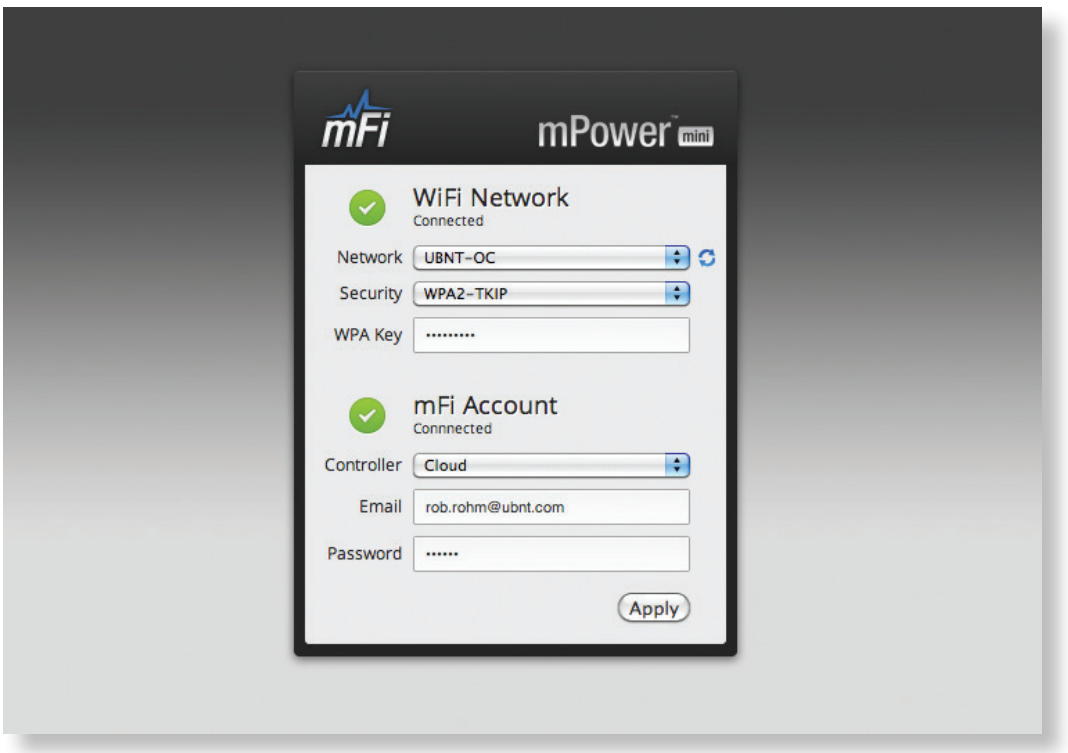
- **Cloud** Enter the email and password used to register at *mfi.ubnt.com*.



- **Local** Enter the following settings:
  - Address The IP address and http port used by the Controller. (The port is usually 6080, for example: *1.1.1.1:6080* or *mfi.acme.com:6080*).
  - User The user name defined during the mFi Configuration Wizard.
  - Password The password defined during the mFi Configuration Wizard.

6. Click **Apply**.
7. A flashing yellow checkmark will appear while attempting to connect to the Wi-Fi network. It will appear green once the mPower mini is connected.

8. A flashing yellow checkmark will appear while attempting to connect to the Controller. It will appear green once the mPower mini is connected.



9. Reconnect your computer to your wireless network by selecting the SSID from your wireless network utility.

10. Access your Controller, and the mPower mini appears with the *mPower* icon in the left panel under the *Drag on to Map* heading. You can position the mPower mini in the appropriate location.

For additional details on the mFi Controller software, please refer to the mFi User Guide available on our website at: **documentation.ubnt.com/mfi**

Specifications

mPower mini	
Dimensions	110.8 x 71 x 67.7 mm
Weight	150 g
Power	110-125VAC, 50-60 Hz, 15 A
Outlets	1
Memory	16 MB RAM, 8 MB Flash
Wi-Fi Standards	802.11b/g/n
LEDs	1 LED (Status)
Operating Temperature	0 to 45° C
Humidity	10-95%, Noncondensing

Safety Notices

1. Read, follow, and keep these instructions.
2. Heed all warnings.
3. Only use attachments/accessories specified by the manufacturer.

WARNING: Use only in a dry location.

WARNING: Do not plug in to another relocatable power tap.

WARNING: To reduce the risk of electric shock, use only indoors.

Limited Warranty

UBIQUITI NETWORKS, Inc ("UBIQUITI NETWORKS") warrants that the product(s) furnished hereunder (the "Product(s)") shall be free from defects in material and workmanship for a period of one (1) year from the date of shipment by UBIQUITI NETWORKS under normal use and operation. UBIQUITI NETWORKS' sole and exclusive obligation and liability under the foregoing warranty shall be for UBIQUITI NETWORKS, at its discretion, to repair or replace any Product that fails to conform to the above warranty during the above warranty period. The expense of removal and reinstallation of any Product is not included in this warranty. The warranty period of any repaired or replaced Product shall not extend beyond its original term.

Warranty Conditions

The above warranty does not apply if the Product:

(I) has been modified and/or altered, or an addition made thereto, except by Ubiquiti Networks, or Ubiquiti Networks' authorized representatives, or as approved by Ubiquiti Networks in writing;

(II) has been painted, rebranded or physically modified in any way;

(III) has been damaged due to errors or defects in cabling;

(IV) has been subjected to misuse, abuse, negligence, abnormal physical, electromagnetic or electrical stress, including lightning strikes, or accident;

(V) has been damaged or impaired as a result of using third party firmware; or

(VI) has no original Ubiquiti MAC label, or is missing any other original Ubiquiti label(s).

In addition, the above warranty shall apply only if: the product has been properly installed and used at all times in accordance, and in all material respects, with the applicable Product documentation; all Ethernet cabling runs use CAT5 (or above), and for outdoor installations, shielded Ethernet cabling is used, and for indoor installations, indoor cabling requirements are followed.

Returns

No Products will be accepted for replacement or repair without obtaining a Return Materials Authorization (RMA) number from UBIQUITI NETWORKS during the warranty period, and the Products being received at UBIQUITI NETWORKS' facility freight prepaid in accordance with the RMA process of UBIQUITI NETWORKS. Products returned without an RMA number will not be processed and will be returned freight collect or subject to disposal. Information on the RMA process and obtaining an RMA number can be found at: **www.ubnt.com/support/warranty**.

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Note

Some countries, states and provinces do not allow exclusions of implied warranties or conditions, so the above exclusion may not apply to you. You may have other rights that vary from country to country, state to state, or province to province. Some countries, states and provinces do not allow the exclusion or limitation of liability for incidental or consequential damages, so the above limitation may not apply to you. EXCEPT TO THE EXTENT ALLOWED BY LOCAL LAW, THESE WARRANTY TERMS DO NOT EXCLUDE, RESTRICT OR MODIFY, AND ARE IN ADDITION TO, THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE LICENSE OF ANY SOFTWARE (EMBEDDED IN THE PRODUCT) TO YOU. The United Nations Convention on Contracts for the International Sale of Goods shall not apply to any transactions regarding the sale of the Products.

Compliance

FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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.

Industry Canada

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

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that permitted for successful communication.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Pour réduire le risque d'interférence aux autres utilisateurs, le type d'antenne et son gain doivent être choisies de façon que la puissance isotrope rayonnée équivalente (PIRE) ne dépasse pas ce qui est nécessaire pour une communication réussie.

Cet appareil est conforme à la norme RSS Industrie Canada exempts de licence norme(s). Son fonctionnement est soumis aux deux conditions suivantes:

1. cet appareil ne peut pas provoquer d'interférences et
2. cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

RF Exposure Warning

The transceiver described here emits radio frequency energy. Although the power level is low, the concentrated energy from a directional antenna may pose a health hazard. Do not allow people to come closer than 20 cm to the antenna when the transmitter is operating.

Additional information on RF exposure is available on the Internet at **www.fcc.gov/oet/info/documents/bulletins**

L'émetteur-récepteur décrit ici émet de l'énergie de fréquence radio. Bien que le niveau de puissance est faible, l'énergie concentrée à partir d'une antenne directionnelle peut présenter un danger pour la santé. Ne pas permettre aux gens de se rapprocher de 20 cm à l'antenne lorsque l'émetteur est en marche.

Des renseignements supplémentaires sur l'exposition aux RF est disponible sur Internet à **www.fcc.gov/oet/info documents/bulletins**

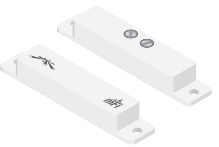
Ubiquiti Networks offers a variety of products for the mFi platform. For additional details, visit **www.ubnt.com/mfi**

Ceiling Mount Motion Sensor
mFI-MSC

Wall Mount Motion Sensor
mFi-MSW

Temperature Sensor
mFi-THS

Current Sensor
mFi-CS



Door Sensor
mFi-DS

Thermostat
Coming Soon!

mPort
mPort

mPort Serial
mPort-S

Power Strip
mPower

Power Strip
mPower Pro

R032713—720-00009-01

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NETWORKS

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