



# Verizon LVX1 Extender Mini User Guide

Version 7





## **Federal Communication Commission**

### **Interference Statement**

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.

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 of the following measures:

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

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Operations in the 5.15-5.25 GHz band are restricted to indoor usage only.



## **Radiation Exposure Statement**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.



## Table of Contents

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|                                                          |          |
|----------------------------------------------------------|----------|
| <b>Chapter 1 Introduction.....</b>                       | <b>4</b> |
| 1.1 Unboxing Information.....                            | 4        |
| 1.2 Key Features.....                                    | 4        |
| 1.3 LEDs and Buttons .....                               | 4        |
| <b>Chapter 2 Connecting the Wi-Fi Extender Mini.....</b> | <b>6</b> |
| 2.1 Setting Up the Wi-Fi Extender Mini.....              | 6        |
| 2.2 Backup Pairing Process Should WPS Fail .....         | 7        |
| <b>Chapter 3 Product Specifications .....</b>            | <b>9</b> |

## Chapter 1

### Introduction

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This chapter includes a list of items included with the LVX1 Extender Mini, an overview of the Extender Mini's features, and a description of the ports on the Extender Mini.

#### 1.1 Unboxing Information

Inside the product package for the LVX1 Extender Mini, you should find the following:

- Wi-Fi Extender Mini

#### 1.2 Key Features

- Supports Tri-Radio Wi-Fi 802.11ac
- Supports Wi-Fi Mesh
- Wall-plug (US type) cordless design

#### 1.3 LEDs and Buttons

##### 1. Reset Pinhole

To reset the Wi-Fi Extender Mini to factory defaults, insert a pin into the pinhole on its side panel, press down, and hold for 5 seconds.

##### 2. Multi-purpose Pairing Button

Press this button once to connect the Wi-Fi Extender Mini to the 5G Home Router via WPS. An LED light on the front panel will illuminate blue for two seconds to indicate pairing success.

##### 3. Electrical Plug

The electrical plug on the rear panel is to be plugged directly into a wall outlet.

##### 4. LED Light

An LED light is located on the front panel of the Extender Mini. The LED will light up in different ways to indicate the connectivity status of the Wi-Fi Extender Mini.



## LED Light Guide

| <i>Function</i>          | <i>Status</i>                                                                                         | <i>LED Ring</i>                                                                      |
|--------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Pairing (WPS)</b>     | Not paired to the Router                                                                              | Soft blink<br>Red<br><i>Until state changes</i>                                      |
|                          | Pairing mode active                                                                                   | Soft blink<br>Blue<br><i>Until pairing successful</i>                                |
|                          | Pairing success                                                                                       | Solid<br>Blue<br><i>on for 2 seconds</i>                                             |
|                          | Pairing failure                                                                                       | Strong blink<br>Red<br><i>Blinks for 2 seconds</i>                                   |
| <b>Wi-Fi</b>             | The Wi-Fi extender is paired to the Router, but Wi-Fi is turned Off.                                  | Solid<br>Amber<br><i>Until Wi-Fi is turned on</i>                                    |
|                          | Poor Wi-Fi signal quality between the Router and the Wi-Fi extender.                                  | Strong blink<br>Amber<br><i>Until moved closer to Router</i>                         |
|                          | Wi-Fi Extender is connected to the Router, but there's no Internet connection (5G node might be down) | Soft blink<br>Red<br><i>Until Internet is available</i>                              |
|                          | Wi-Fi Extender connected to the Router, Wi-Fi and Internet are working well.                          | Solid<br>White<br><i>Until state changes<br/>(For 30 seconds before turning OFF)</i> |
| <b>Utility Functions</b> | Firmware upgrade<br>Blinks during upgrade installation (FOTA)                                         | Rapid blink<br>White                                                                 |
|                          | Hard reset / Reboot<br>Triggered through app / FOTA                                                   | Rapid blink<br>White<br><i>(For 1–2 seconds before turning OFF)</i>                  |

## Chapter 2

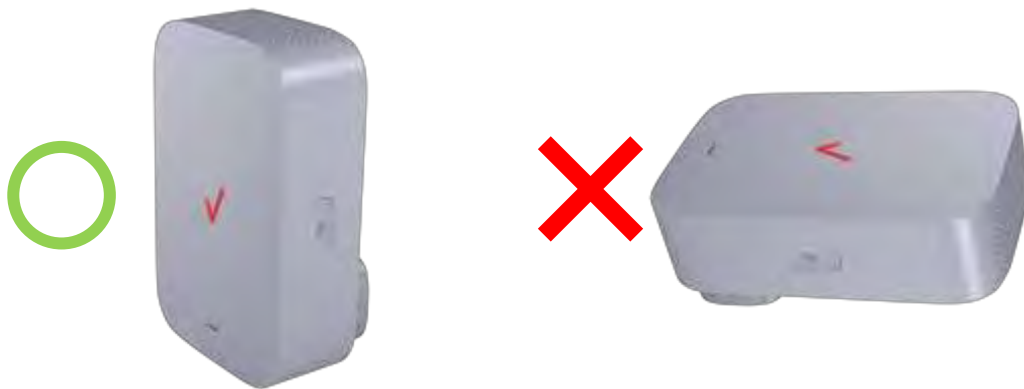
### Connecting the Wi-Fi Extender Mini

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This section describes how to set up your Wi-Fi Extender Mini.

#### 2.1 Setting Up the Wi-Fi Extender Mini

1. Unbox the Wi-Fi Extender Mini.
2. Plug the Extender Mini directly into an outlet so that it is vertically aligned, as shown below on the left.



3. Set up a WPS connection between the Wi-Fi Extender Mini and the 5G Home Router by pressing the WPS button on the Router first and then that of the Extender Mini. Place them so that they are less than a meter apart to make it easier to press these buttons within the allotted 2 minutes in the WPS procedure. The front panel LED light will illuminate blue for two seconds to indicate pairing success.



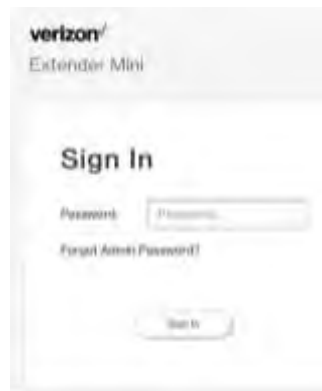
## 2.2 Backup Pairing Process Should WPS Fail

In case WPS fails, follow the following steps to perform pairing:

1. Scan the QR code printed on the label on the back of the Wi-Fi Extender Mini and detailed information, as shown in the example below, will be displayed on a results page:

```
SKU: LVSKX1
SN: KX196P000063
Wi-Fi Name (SSID): Verizon-5G Home-841A
Wi-Fi Password: luxury-tiara-replete
Administration URL: http://192.168.0.254
Password: bicarb-twine-easting
```

2. Use your laptop or smartphone and connect to the Wi-Fi SSID. Go to the administration URL. Enter the password to sign in.



3. After signing in, you will see a list of available Wi-Fi Access Points. Select the SSID of your 5G Home Router and type in the Wi-Fi password indicated in the QR code scan results page.





Alternatively, you can enter the SSID and password manually. Click “Connect” to connect to the router.

Verizon @  
WNC-Guest  
ITM-Travel-Router  
GCTWLAN-OPEN  
Input network name manually

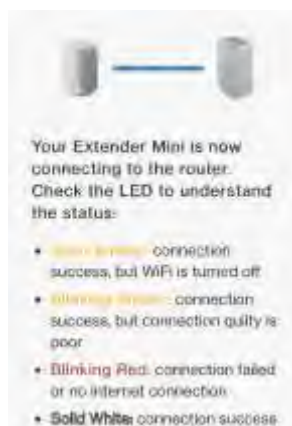
Name  
Start with the SSID

Encrypt  
NONE

Password  
Enter password (2-31 chars)

Connect

4. The following page shows that your Wi-Fi Extender Mini is connecting to the router.



## Chapter 3

### Product Specifications

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|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Connectivity</b>                             | <ul style="list-style-type: none"><li>• Wi-Fi</li><li>• 802.11ac MU-MIMO</li></ul>        |
| <b>Dimensions/Weight (inches, lbs.)</b>         | <ul style="list-style-type: none"><li>• 3.39 × 5.71 × 2.10 in., 0.44 lbs.</li></ul>       |
| <b>Power</b>                                    | <ul style="list-style-type: none"><li>• AC Input 12V</li><li>• 1A</li></ul>               |
| <b>Ports</b>                                    | <ul style="list-style-type: none"><li>• 1 AC Plug</li></ul>                               |
| <b>LEDs</b>                                     | <ul style="list-style-type: none"><li>• RGB LED</li></ul>                                 |
| <b>Temperature (operating)</b>                  | <ul style="list-style-type: none"><li>• 0 °C to 40 °C</li></ul>                           |
| <b>Package Dimensions/Weight (Inches, lbs.)</b> | <ul style="list-style-type: none"><li>• 6.2(L) × 10.2(W) × 3.2(H) in., 0.7 lbs.</li></ul> |