ezlo secure
Smart Home Controller

User Guide
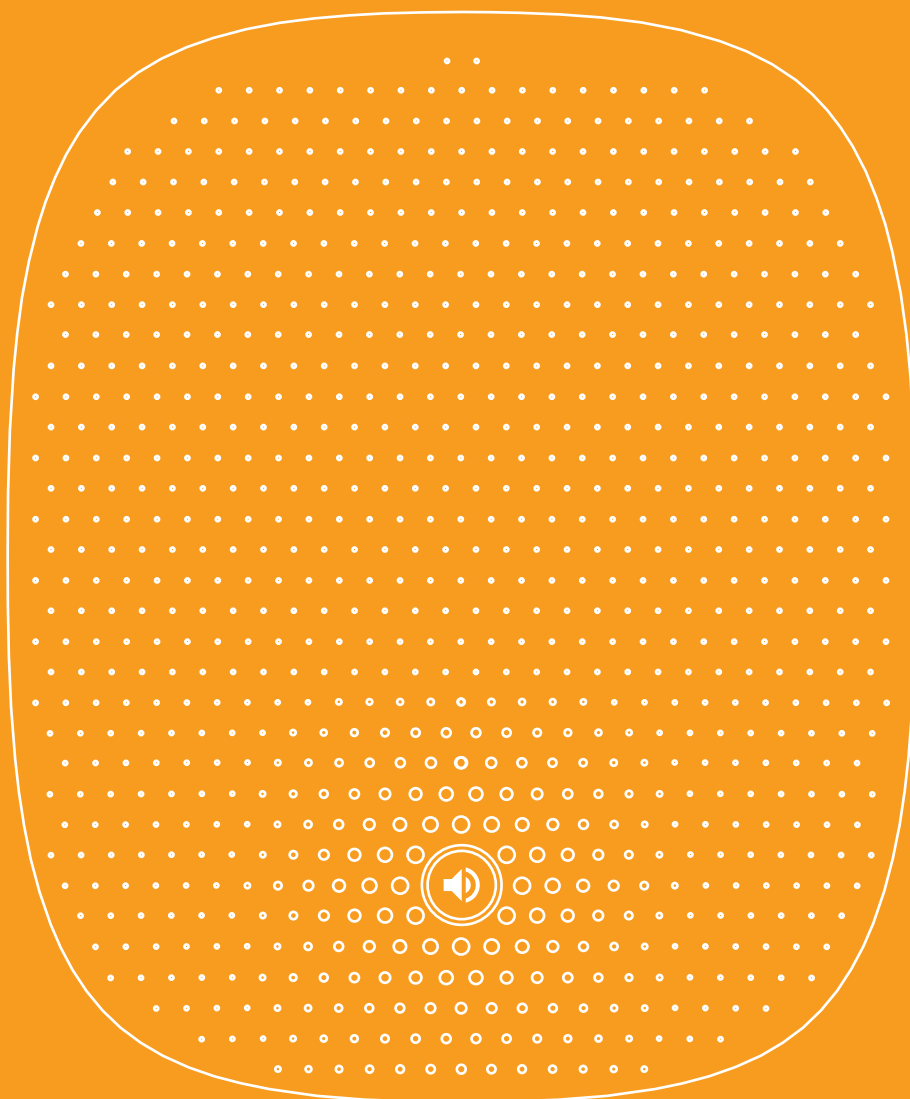
vera
an ezlo company

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Chapter 1

Introduction

This chapter provides an overview of the Ezlo Secure Gateway's features and capabilities

An always-on solution that works even in the event of a power or internet outage, the Ezlo Secure is a feature-rich control hub that keeps users in control of their home from anywhere, at any time. It offers control for Z-Wave, Zigbee, and 2GIG devices while also enabling control of Wi-Fi devices paired to Amazon Alexa or Google Assistant. It features local control for fast responsiveness, and through the Vera app gives customers remote access, personalized notifications, and scene creation ability.

Package content

The Ezlo Secure comes with an ethernet cable, power adapter, and quick start guide. Each Ezlo Secure is shipped under a unique serial number shown on the packaging. Users should retain packaging for reference.

Features

CPU: Quad-Core Cortex-A7 ARM
Memory: 16GB EMMC Flash and 512MB DDR3
LAN: 10/100 Ethernet port with RJ45 connector
Z-Wave Plus, 700 Series
ZigBee 3.0
345MHz 2GIG receiver
802.11g/n/ac Dual Band WiFi 2.4 & 5GHz
4G/LTE supporting bands B2/B4/B5/B12/B13/B14/B66/B71
Bluetooth Low Energy 5.0
Host USB 2.0 port
Reset button
Top surface RGB LED
5V/3A power

LEDs

Top-mounted LEDs

Booting / Power ON	**Red**	
Booting recovery partition	**Red**	Slow blinking
Booting application partition	**Green Blue**	Slow waving
System has booted but firmware not started	**Yellow**	
Firmware has started	**Blue**	

Rear/Top Panel

|	
Power port	Connect the supplied power adapter here
Ethernet port	Use a standard LAN cable (RJ45 connector) to connect your router to the port.
USB Port	The connector is a USB host with support for mass storage devices.
Reset	Resetting the device to Factory Settings will remove all the information about included devices, scenes created, House modes settings, etc. Push and hold the RESET button at least 5 sec (on Ezlo Secure LED starts blinking RED), After that your Ezlo controller will be reset to factory defaults.
Button on the top	Multifunctional user button
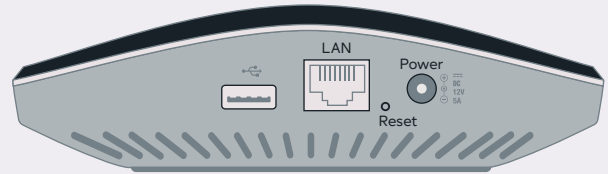
Chapter 2

Initial Installation

This chapter covers the software installation of the Ezlo Secure Gateway.
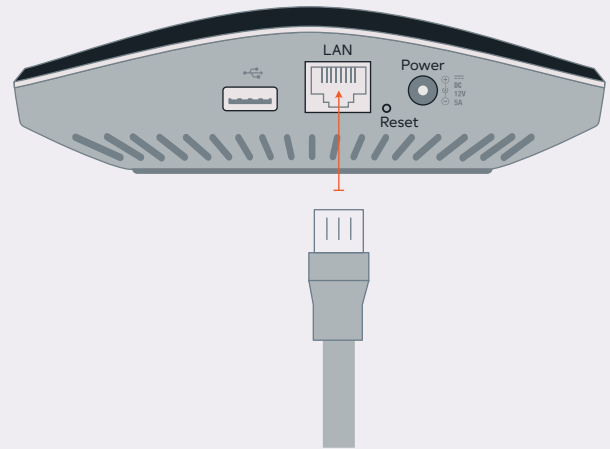
Requirements
Use a standard 10/100/1000 BaseT network (UTP) cable with RJ45 connector

Procedure
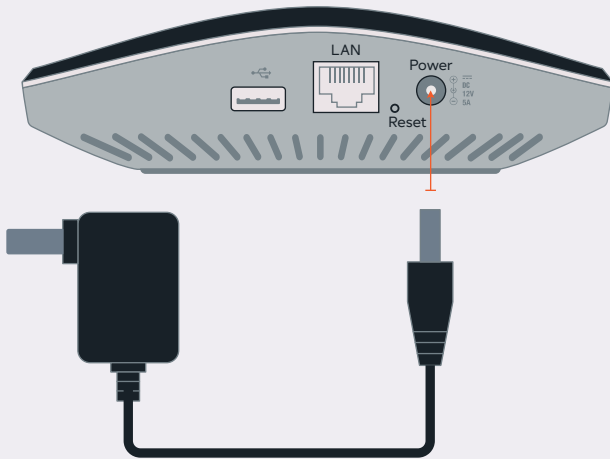
Connect the AC Power Adapter to your Ezlo Secure.

Connect your Ezlo Secure to your internet gateway using an Ethernet cable.

1. Choose an Installation Site
Select a suitable place to install the Ezlo Secure Gateway.

2. Connect LAN Cable
Use a standard LAN cable to connect the device to the Ethernet port on the Ezlo Secure Gateway.

3. Power Up
Connect the supplied power adapter to the Ezlo Secure Gateway. Use only the power adapter provided. Using a different one may cause hardware damage.

4. Check the LEDs
 • The LED should be ON.

Chapter 3

Configuration

This chapter provides Setup details of the System.

Configuration Program

The Ezlo Secure Gateway can offer customers seamless communication between devices while at home or away. This gateway is designed to provide complete connectivity with all certified devices including, security systems and ZigBee/ZWave/2GIG devices.

Preparation

1. Install the VeraMobile application on your phone
  iOS
    Go to App store
    Search for VeraMobile app and install it

  Android
    Go to Google Play store
    Search for VeraMobile app and install it

2. Connect the AC Power Adapter to your Ezlo Secure

3. Connect your Ezlo Secure to your internet gateway using a LAN cable

Using the mobile application

1. Open the VeraMobile app on your mobile phone

2. If you don't have an account after you open the app select New to Vera option and select from the list Ezlo Secure.

3. Select Wired setup. The app will walk you through the rest steps.

4. Select Scan Barcode you will see the screen with a camera and Add manually button.

5. Tap Add manually and enter the serial number and MAC address (printed on the sticker)

6. You will see the congratulations screen with Ezlo Secure.

7. Ezlo Secure is ready to use.

Appendix A

Specifications

Ezlo Secure

Model	Ezlo Secure
Dimensions	194x164x46 mm
Operating Temperature	0 C to 40 C
Buttons	Functional button on the top surface and reset button on the back surface
Network protocol	TCP/IP
Network Interface	1 * 10/100 BaseT (RJ45) LAN connection
LEDs	RGB led
Power adapter	5V, 3A

Regulatory Approvals

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.

For indoor use only. Device does not operate in Band 5600-5650MHz.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuantto Part 15 of the FCC Rules. These limits are designed to provide reasonable protec- tion 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 correctthe interference by one 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.

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

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Industry Canada Licence Exemption

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.

For indoor use only. Device does not operate in Band 5600-5650MHz.

Le présent appareil est conforme aux CNR d'Industrie Canada
applicables aux appareils radio
exempts de licence. L'exploitation est autorisée aux deux conditions
suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique
subi, même si le brouillage est susceptible d'en compromettre le
fonctionnement.

Pour usage intérieur uniquement. L'appareil ne fonctionne pas dans la bande 5600-5650 MHz.