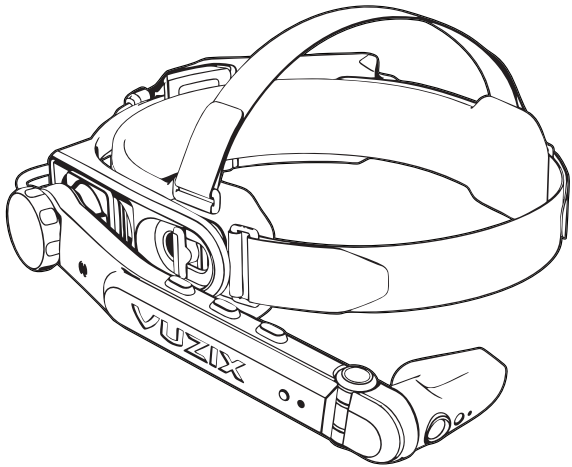
VUZIX

LX1

Smart Glasses

User Manual



⚠ IMPORTANT

Please read the included
Safety & Warranty document
before using this device.

Model 516

Table of Contents

General Warnings 2
LX1 Overview 3
Finding Your Dominant Eye 4
Adjusting Fit 5
Charging the Battery 6
Powering On/Off 6
Using the Controls 7
Wi-Fi Quick Connect 8
Registering Your Device 9
Getting the Latest Updates 9
Using Applications 10
Using Voice Commands 11
Developing for LX1 11
Regulatory Information 11
Care & Cleaning 12
Support 12

General Warnings

READ ME FIRST

⚠ IMPORTANT

Please read the included Safety & Warranty document before using this device.

Product, features and operation descriptions are based on the device's default settings and may change without notice.

Some content and operation descriptions may differ from your device depending on your region, service provider options, and/or software.

Display brightness and content requiring high CPU and RAM usage will affect the overall performance of the device and its battery life.

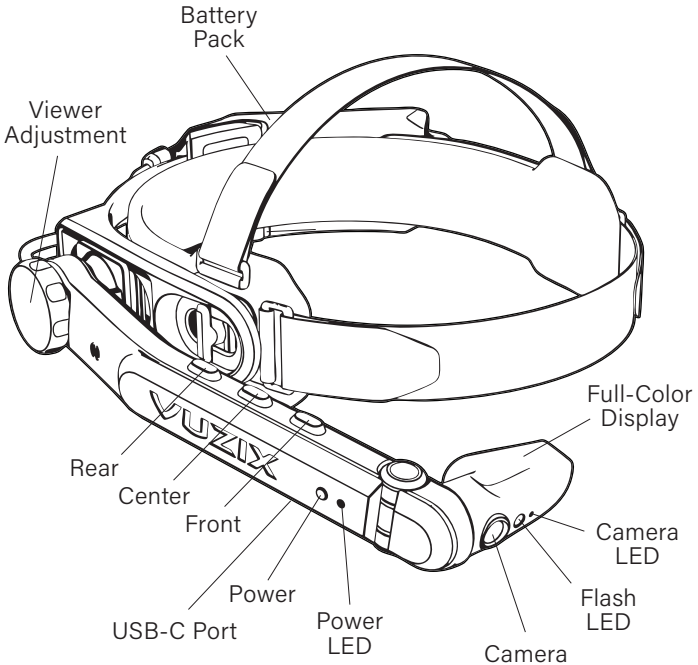
Some Android applications and content may not work as expected due to the Vuzix LX1 design characteristics and its application.

Vuzix is not liable for performance issues caused by applications supplied by other companies. Applications provided with the device are subject to updates and discontinuation without prior notice.

LIMITATIONS OF USE

This Product is not to be used as safety glasses or eye protection against mechanical impact hazards. Not to be used for direct viewing of the sun or for protection against UV rays from artificial light sources (e.g. solaria, tanning beds). Vuzix LX1 Smart Glasses are not suitable for, nor should they be used for driving at twilight or at night.

Vuzix LX1 Overview

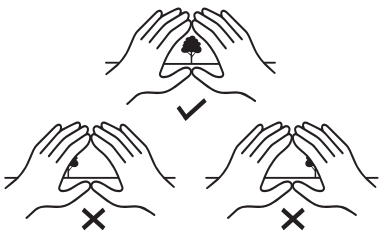


Find Your Dominant Eye

For the best image quality, wear your Vuzix device on the dominant side.

First stretch your arms out and make a triangle. Then frame an object in the distance with your hands.

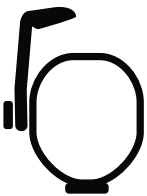
Now close one eye at a time. Notice how the object moves out of view when one eye is closed? If the object remains in view, the open eye is your dominant eye.



Right-eye dominant

When oriented for the right eye the buttons will be on top of the device.

Left-eye dominant

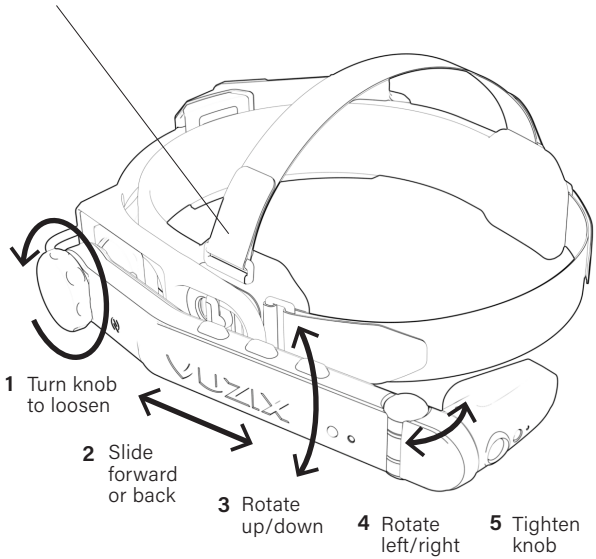


When oriented for the left eye the buttons will be on bottom of the device.

Adjusting Fit

Top Strap Adjustment

Adjust the top strap for proper fitment by releasing the velcro, adjusting strap length, and re-attaching the velcro.



Display Adjustment

To set the display to optimum viewing angle, loosen the knob and adjust the display device forward/backwards, up/down, and left/right until the desired angle is achieved and the full display is visible to the eye. Re-tighten ther knob to set and lock in place.

Charging the Battery

The battery can be charged using the Vuzix A9V-C battery charger or by connecting it to the LX1 and using a standard USB-C cable.

Your battery is shipped with a partial charge. It is recommended that the battery be fully charged for first time use.

Power LED States

Red	Booting or battery below 20%
Yellow	Battery between 20% and 90% and charging
Green	Battery over 20% and not charging, or over 90% and charging

If the battery runs out during use

The device will display a message on the screen if the battery is depleted during use.

Save your work and shut down the device. Remove battery pack and replace with a charged pack.

OR

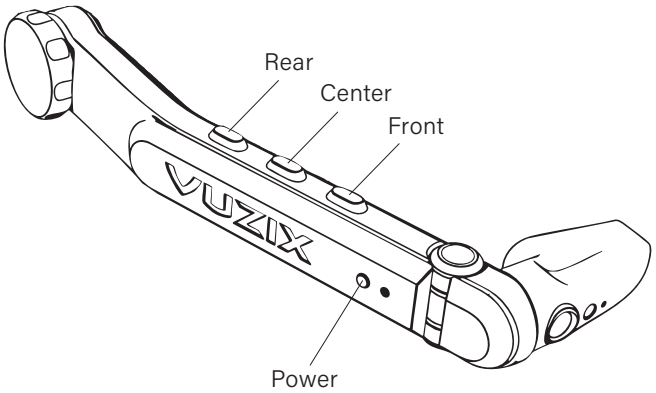
Plug the device into a USB-C power source to recharge the battery pack.

Powering On/Off

When starting your device for the first time, the initial boot may take several seconds.

Power On	Install the battery pack on the viewer. Hold the power button for 3 seconds.
Power Off	Press and hold the power button, and select "Power Off" from the menu.

Using the Controls



Buttons

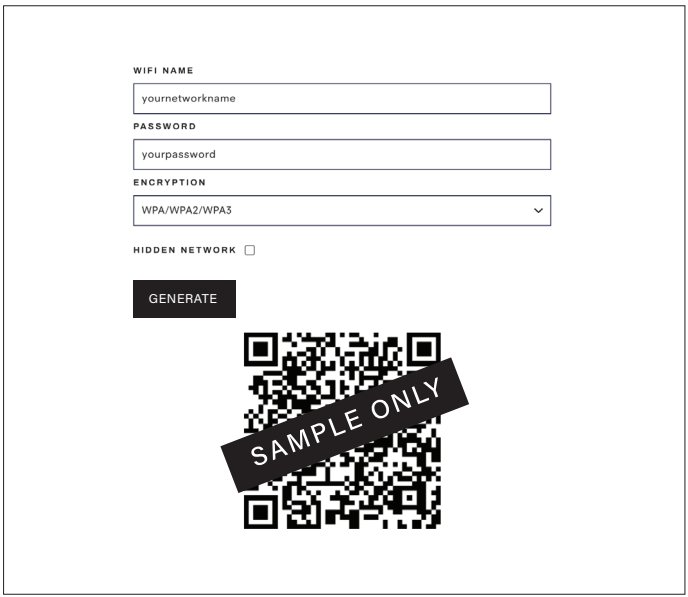
Short Press	**Front**	Right/Down
	Center	Left/Up
	Rear	Enter
	Power	Sleep
Long Press (~1 second)	**Front**	Menu
	Center	Home
	Rear	Back
	Power	Power Menu

Wi-Fi Quick Connect

The easiest and fastest method to connect your smart glasses to Wi-Fi is by using a QR code:

1. **Visit www.vuzix.com/wifiQR** on your phone or computer to securely generate a QR code for your Wi-Fi settings.
2. **Launch the Camera app** on your smart glasses, select barcode mode, and look at the QR code to connect to your network.

Example:



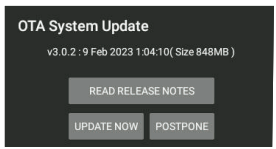
Registering Your Device

Register your device by logging on to your Vuzix App Store account from a computer or phone at apps.vuzix.com/user/add-device. Follow the instructions on the website to scan the QR code.

Example:

Getting the Latest Updates

The device will automatically check for updates once it is connected to Wi-Fi. Follow the instructions in the popup window that appears.



Actual popup window may vary.

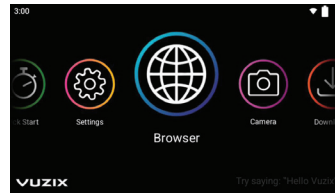
If your corporate firewall prevents access to the external website, your system administrator may provide additional settings for your device or may provide a software update offline.

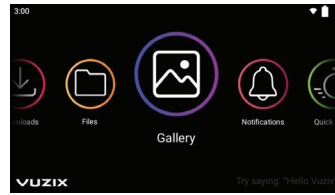
Using Applications

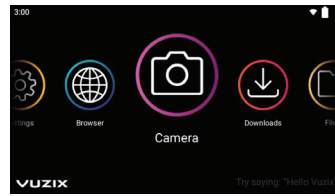
Your device comes preinstalled with several standard applications such as Browser, Camera, Gallery, Settings, and more.

Applications can be installed on your device via the Vuzix App Store. The Vuzix App Store will install and manage applications via the OTA (Over the Air) mechanism and will require Wi-Fi connectivity. For instructions and additional information about installing applications and using the Vuzix App Store, visit: **www.vuzix.com/support**.

Your device supports ADB (Android Debug Bridge) as an alternative mechanism for advanced users to install applications.







Using Voice Commands

The LX1 can be activated by “Hello Vuzix” when properly configured. The device will listen for voice commands for 15 seconds by default.

To enable voice control, open the **Settings** menu and navigate to **System > Speech Commands** where a full list of voice commands is available.

Developing for LX1

Developer documentation is available at **vuzix.com/developers**.
In order to power the unit during development, please note:

- The viewer should be plugged into the developer’s machine with a USB C-to-C cable for the best experience.

Regulatory Information

Regulatory information can be viewed in the **Settings** application:
Settings > About Glasses > Regulatory Labels

Care & Cleaning

- Clean the viewer with a damp cloth and mild detergent if necessary. Dry thoroughly before use.
- Do not use all-purpose cleaners as these may damage the seals and impair water resistance.
- Do not immerse and limit exposure to water.
- Do not insert sharp objects into any holes or use metal object to clean the USB port as this may cause damage.

Support

For further documentation and the latest information regarding supported devices and protocols scan the QR code below or visit **https://www.vuzix.com/product-support**

SCAN QR FOR SUPPORT

For more information on Vuzix products and accessories visit:

vuzix.com | vuzix.jp

Vuzix Corporation
25 Hendrix Road
West Henrietta, NY, USA 14586

© 2025 Vuzix Corporation. These instructions are subject to change. Please read the Safety and Warranty booklet before operating this product. All trademarks belong to the respective owners.

516PB0001 (0001) - LX1 USER MANUAL

v2.1 10/25