

ZenVoice

User manual edition: 1.20

www.zennio.com

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DOCUMENT UPDATES

Version	Changes
1.6	First version
1.7	Blinds
1.8	RGB Lights
1.9	Google Home Compatibility
1.10	Google Home compatibility of controls Dimmable light, Scene, Temperature indicator, Thermostat, Blinds and RGB light.
1.11	Air Conditioning Control
1.12	Now it's possible to choose which object must be used when configuring controls with several objects of the same type
1.13	Added support for Z70v2 version 3.5 and 4-object RGBW control boxes
1.14	Updated device type icons
1.15	New languages. Notice for Scene type devices
1.17	Added support for Z50 version 3.6 and Z100 version 3.6
1.18	Visualization of connection status of Zennio devices Basic handling of device configuration changes
1.19	Added button to refresh device list
1.20	Added French and Italian languages

1 INTRODUCTION

The new generation of Zennio touchscreens incorporates a voice control function that allows interacting with them from compatible voice assistants.

ZenVoice is the solution to provide a management interface to enable compatible touch panels controls to be used by voice assistants through a Skill in Amazon Alexa or a Google Action in Google Home.

This document is provided as a reference guide for the use and configuration of voice-enabled devices based on compatible touch panels controls.

2 COMPATIBILITY

To use ZenVoice, a Zennio device with voice control compatible version must be available. They are listed below:

- Z70v2 3.4 or newer for Alexa compatibility.
- Z70v2 3.5 or newer for Google Home compatibility.
- Z50 3.6 or newer.
- Z100 3.6 or newer.

In addition, it will be necessary to have the **remote control and voice control licenses** on this device.

3 FUNCTIONALITY

This section provides detailed instructions on how to access the platform, and a description of its main view.

3.1 SERVICE ACCESS

Any user with a Zennio account can access the platform by inserting their username and password in the ZenVoice website (zenvoice.zennioapps.com):

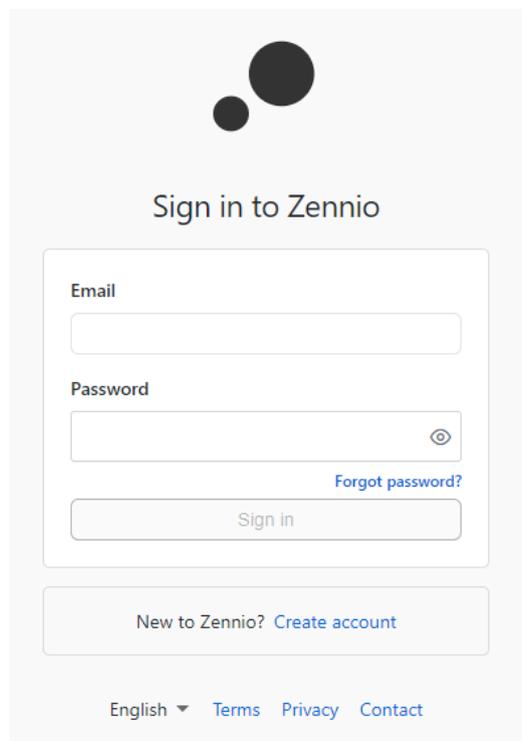
The image shows a screenshot of the Zennio sign-in page. At the top, there is a logo consisting of two black circles of different sizes. Below the logo, the text "Sign in to Zennio" is centered. The main content area is a white box with rounded corners containing the following elements: an "Email" label above a text input field; a "Password" label above a text input field with a toggle eye icon on the right; a "Forgot password?" link in blue text below the password field; a "Sign in" button below the password field; and a "New to Zennio? Create account" link in blue text below the "Sign in" button. At the bottom of the page, there is a footer with "English" and a dropdown arrow, followed by links for "Terms", "Privacy", and "Contact".

Figure 1. Zennio Single Sign-On

If you do not have a previous account, you can also create a new account from this page through the link *Create account*, or from the Zennio Remote application¹, available for [Android](#) and [iOS](#).

¹ Please, refer to the [user manual](#) for further information.

3.2 MAIN MENU

The main menu of the application has the structure shown in the Figure 2:

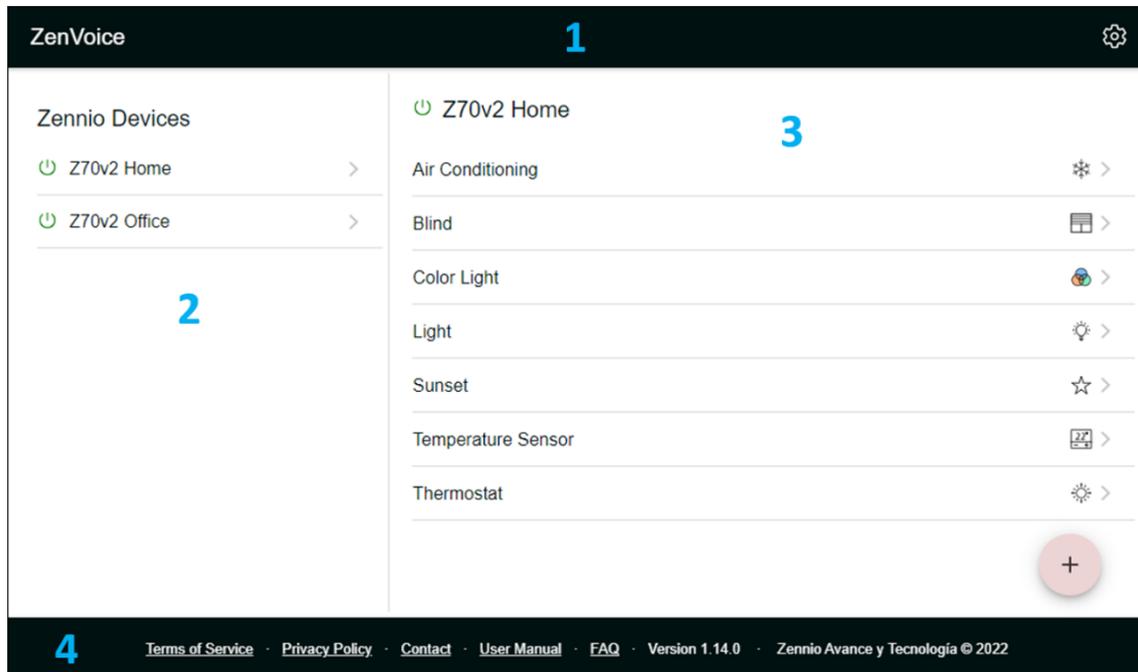


Figure 2. Main menu structure

- **Cabecera (1):** This shows the name of the application and the "Options" menu button, which allows you to:
 - Change the application language (English, Spanish, French or Italian).
 - Change the style (dark or light mode).
 - Log out.
- **ZRCD List (2):** A ZRCD (*Zennio Remote Control Device*) is a Zennio device that allows remote control, such as, for example, Z70v2. This list shows the ZRCDs that the user has paired in his Zennio account. To refresh the list, click the button . By clicking on each one of them, the devices configured for that ZRCD are shown. At the left side of each device on the ZRCD list, a status icon is shown:
 -  Connected and available for use.
 -  Connected, but not available: without Voice Control license, with the Voice Control parameter disabled or version not compatible with ZenVoice.
 -  Unavailable: disconnected, without Remote Control license or with the Remote Control parameter disabled.

Note: To pair new ZRCDs with a user account, you must use the Zennio Remote application².

- **Device List (3):** Devices configured in the ZRCD (lights, blinds, climate, indicators, etc.). For further information, refer [Device Types](#) section. If the ZRCD is not available for use, has a potential problem, or a device configuration has changed, a message with the problem will be shown in this section.
- **Footer (4):** This shows the links to legal texts, contact, user guide, user manual and FAQ. Also, it shows the version of the application.

3.2.1 CREATING DEVICES

To create a new device, click on the  icon and provide the following information:

- Device type. (See [section 3](#))
- Control configured in the ZRCD.
- Device name in voice assistants.



Figure 3. Device Creation

Once the device has been created, it is shown in the list of devices together with the icon of the type of device to which it belongs.

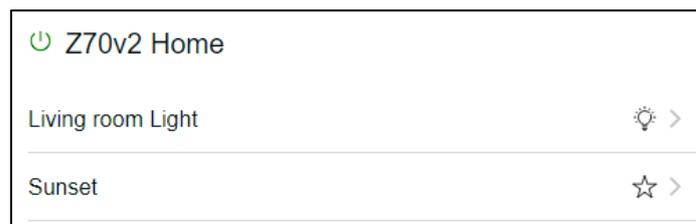


Figure 4. List of devices

Note: When choosing a name for the device to be created, it is recommended that it be unique to avoid confusion for the voice assistants, and that it does not contain words that can be associated with room names or device types. For example, it is recommended not to include the word "kitchen" or "light" in the name of a device.

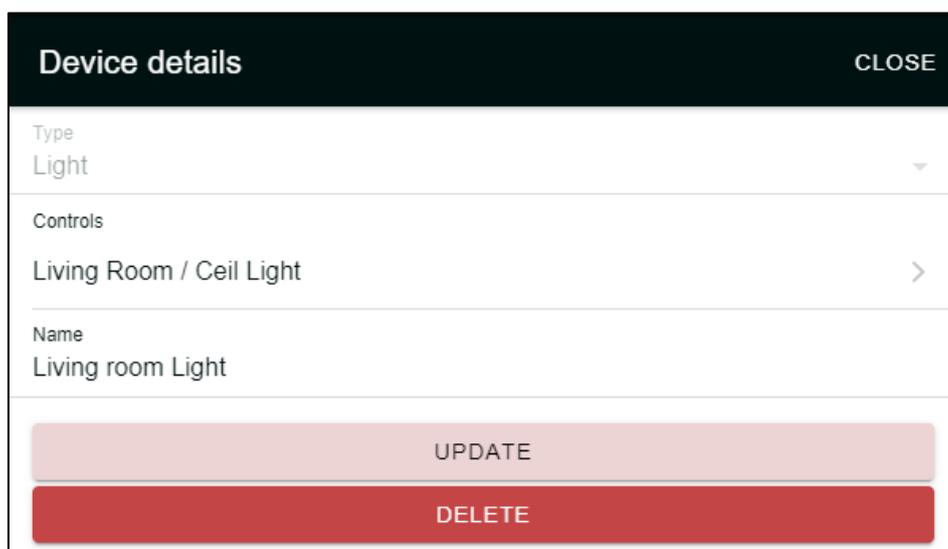
At the time of selecting the device type, it's recommended to take into account that the voice assistants will use it for the recognition of actions that can be performed on the device.

If your voice assistant does not recognize actions on a device that, a priori, would seem feasible, check the above points to make sure that both name and the type of device are correct.

3.2.2 EDITING OR ERASING DEVICES

To edit the configuration of a device, click on the device, which will open a pop-up box as shown in Figure 5. This pop-up box allows you to modify the following information:

- Control configured in the ZRCD.
- Device name in voice assistants.



Device details		CLOSE
Type	Light	▼
Controls	Living Room / Ceil Light	>
Name	Living room Light	
UPDATE		
DELETE		

Figure 5. Device edition

In addition, from this same pop-up box, the device itself can be deleted. Deleting a device in ZenVoice does not necessarily mean that it will be deleted in the voice assistants in which it is configured.

Note: *Modifying the configuration of a compatible touch panel , or changing the version of its application program, may result in errors in the operation of the voice control.*

Starting at version 3.6 of the compatible touch panels, the affected devices will be removed from the voice assistants, and to add them again you must follow this process:

- Delete the controls from the ZenVoice configuration website.*
- Check that the controls have been removed in the assistant applications. If they are not automatically removed, force synchronization (by dragging down from the device list).*
- Re-configure the controls from the ZenVoice configuration web site.*
- If the new controls do not appear automatically in the applications, force synchronization (by dragging down from the device list).*

When this operations are required, the affected devices will be marked with a warning icon in the list. On version 3.6 or earlier, it is also necessary to follow this process, but no warning will be shown.

4 DEVICE TYPES

4.1 LIGHT

4.1.1 OPERATION WITH VOICE ASSISTANTS

Displayed in the Lights group or category. Enables the functionality to turn a light on and off.

4.1.2 COMPATIBLE BOXES

The boxes compatible with the light type are the binary type boxes:

- [1-Button] Switch icon (Commute 0/1, 0 and 1)
- [1-Button] Hold & Release (0/1 y 1/0)
- [1-Button] Two objects
- [2-Button] Switch icon (0/1 and 1/0)
- [2-Button] Switch + Indicator (0/1 and 1/0)
- [Climate] Mode → Heat/Cool

4.1.3 VOICE CONTROL

4.1.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, turn on the Living Room light.*
- *Alexa, turn off the Living Room light*

4.1.3.2 GOOGLE HOME

It can be controlled by expressions like:

- *Ok Google, turn on the Living Room light.*
- *Ok Google, turn off the Living Room light*

4.2 SWITCH

4.2.1 OPERATION WITH VOICE ASSISTANTS

Shown in the Switches group or category. Enables the functionality to turn a device on and off.

4.2.2 COMPATIBLE BOXES

The boxes compatible with the switch type are the binary type boxes:

- [1-Button] Switch icon (Commute 0/1, 0 and 1)
- [1-Button] Hold & Release (0/1 y 1/0)
- [1-Button] Two objects
- [2-Button] Switch icon (0/1 and 1/0)
- [2-Button] Switch + Indicator (0/1 and 1/0)
- [Climate] Mode → Heat/Cool

4.2.3 VOICE CONTROL

4.2.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, turn on the fan*
- *Alexa, turn off the fan*

4.2.3.2 GOOGLE

It can be controlled by expressions like:

- *Ok Google, turn on the fan.*
- *Ok Google, turn off the fan*

4.3 DIMMABLE LIGHT

4.3.1 OPERATION WITH VOICE ASSISTANTS

Shown in the Lights group or category. Allows the functionality to turn a light on and off, and adjust its intensity.

4.3.2 COMPATIBLE BOXES

The boxes compatible with the dimmable light type are:

- [2-Button] Dimmer

It should be noted that the on/off function and the dimming function are listed separately, but for correct operation in most cases the same box must be selected.

To be able to dim the brightness, the *Precise Dimming* object (used for timers and macros) must be active and linked to the KNX device.

4.3.3 VOICE CONTROL

4.3.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, turn on the Bedroom Light*
- *Alexa, set the Bedroom Light to 50%*
- *Alexa, dim the Bedroom light.*

4.3.3.2 GOOGLE

It can be controlled by expressions like:

- *Ok Google, turn on the Bedroom Light*
- *Ok Google, set the Bedroom Light to 50%*
- *Ok Google, dim the Bedroom light.*

4.4 SCENE

4.4.1 OPERATION WITH VOICE ASSISTANTS

It is shown in the Environments group of Alexa. It allows the functionality of activating a scene to change the states of different devices according to the configuration of the home automation installation.

It is strongly discouraged to set up scenes in ZenVoice whose configuration allows action on security devices such as surveillance cameras, doors, or security panels, among others.

4.4.2 COMPATIBLE BOXES

The boxes compatible with the Scene type are:

- [1-Button] Scene

4.4.3 VOICE CONTROL

4.4.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, turn on Evening*

4.4.3.2 GOOGLE

It can be controlled by expressions like:

- *Ok Google, turn on Evening*

4.5 TEMPERATURE INDICATOR

4.5.1 OPERATION WITH VOICE ASSISTANTS

Displayed in the Thermostats group or category. Enables the current temperature monitoring functionalities.

4.5.2 COMPATIBLE BOXES

The boxes compatible with the Temperature Indicator type are:

- [Indicator] Temperature
- [2-Button] Switch + Indicator → Indicator Type: Temperature
- [Climate Control] Temperature Setpoint → Indicator Type: “Setpoint is Main and Real is Secondary” or “Setpoint is Secondary and Real is Main”

Note: *When the control has several temperature objects, the real temperature object must be selected.*

4.5.3 VOICE CONTROL

4.5.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, what is the temperature in the Living Room*

4.5.3.2 GOOGLE

It can be controlled by expressions like:

- *OK Google, what is the temperature in the Living Room*

Note: Due to limitations of Google Home, in these controls it always responds that the thermostat is off.

4.6 THERMOSTAT

4.6.1 OPERATION WITH VOICE ASSISTANTS

Shown in the Thermostats group or category. Enables setpoint temperature control and current temperature monitoring functionalities.

4.6.2 COMPATIBLE BOXES

The boxes compatible with the Thermostat type are:

- [Climate Control] Temperature Setpoint

The boxes compatible with the monitoring function of the Thermostat type are:

- [Indicator] Temperature
- [2-Button] Switch + Indicator → Indicator type: Temperature
- [Climate Control] Temperature Setpoint → Indicator Type: “Setpoint is Main and Real is Secondary” or “Setpoint is Secondary and Real is Main”

It should be noted that the actual temperature monitoring function and the setpoint temperature control function are listed separately, so the appropriate box should be

selected for each case, as not all configurations for the Setpoint temperature box include an object to display the actual temperature.

4.6.3 VOICE CONTROL

4.6.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, what is the temperature in the Living Room*
- *Alexa, set thermostat to 23 degrees*
- *Alexa, lower Living Room temperature by 2 degrees.*

Note: *Although Alexa allows a wide temperature range to be set, if an attempt is made to set a temperature below or above the parameterized range, it will automatically set the minimum or maximum respectively.*

4.6.3.2 GOOGLE

It can be controlled by expressions like:

- *OK Google, what is the temperature in the Living Room*
- *OK Google, set thermostat to 23 degrees*
- *OK Google, lower Living Room temperature by 2 degrees.*
- *OK Google, I'm cold*

Note: *In Google Home thermostats always appear in heating mode.*

4.7 AIR CONDITIONER THERMOSTAT

4.7.1 OPERATION WITH VOICE ASSISTANTS

Shown in the Thermostats group or category. Enables setpoint temperature control and current temperature monitoring functionalities.

4.7.2 COMPATIBLE BOXES

The boxes compatible with the Thermostat type are:

- [Climate Control] Temperature Setpoint

The boxes compatible with the monitoring function of the Thermostat type are:

- [Indicator] Temperature
- [2-Button] Switch + Indicator → Indicator type: Temperature
- [Climate Control] Temperature Setpoint → Indicator Type: “Setpoint is Main and Real is Secondary” or “Setpoint is Secondary and Real is Main”

It should be noted that the actual temperature monitoring function and the setpoint temperature control function are listed separately, so the appropriate box should be selected for each case, as not all configurations for the Setpoint temperature box include an object to display the actual temperature.

4.7.3 VOICE CONTROL

4.7.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, what is the temperature in the Living Room*
- *Alexa, set thermostat to 23 degrees*
- *Alexa, lower Living Room temperature by 2 degrees.*

Note: Although Alexa allows a wide temperature range to be set, if an attempt is made to set a temperature below or above the parameterized range, it will automatically set the minimum or maximum respectively.

4.7.3.2 GOOGLE

It can be controlled by expressions like:

- OK Google, what is the temperature in the Living Room
- OK Google, set thermostat to 23 degrees
- OK Google, lower Living Room temperature by 2 degrees.
- OK Google, I'm cold

Note: In Google Home air conditioner thermostats always appear in cold mode.

4.8 BLINDS

4.8.1 OPERATION WITH VOICE ASSISTANTS

It allows the functionalities of raising and lowering a blind.

4.8.2 COMPATIBLE BOXES

The boxes compatible with the blind type are:

- [2 Buttons] Shutter

To be able open or close the blinds, the *Shutter Positioning* object (used for timers and macros) must be active and linked to the KNX device.

4.8.3 VOICE CONTROL

4.8.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, raise the blind*
- *Alexa, lower the blind a bit*
- *Alexa, open the blind*
- *Alexa, set blind to 60%*

Note: *Alexa does not have commands to stop the movement of a blind.*

4.8.3.2 GOOGLE

It can be controlled by expressions like:

- *OK Google, raise the blind*
- *OK Google, lower the blind a bit*
- *OK Google, open the blind*
- *OK Google, set blind to 60%*

Note: *Google does not have commands to stop the movement of a blind.*

4.9 RGB LIGHT

4.9.1 OPERATION WITH VOICE ASSISTANTS

Shown in the Lights group or category. Allows the functionality to switch a light on and off, and to change its colour.

4.9.2 COMPATIBLE BOXES

The boxes compatible with the RGB light type are:

- [Other] RGB Control
- [Other] RGBW Control

4.9.3 VOICE CONTROL

4.9.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, turn on RGB light* ← It will light up white
- *Alexa, set RGB light to blue*
- *Alexa, set RGB light to dark grey*

4.9.3.2 GOOGLE

It can be controlled by expressions like:

- *OK Google, turn on RGB light* ← It will light up white
- *OK Google, set RGB light to blue*
- *OK Google, set RGB light to dark grey*

Note: For different shades of white, the color rendering done in the Google Home app and that done on the compatible touch panel may differ slightly.

5 ASSISTANTS

An assistant is a third-party device, which has its own application, and through which it is possible to control and monitor home automation devices of a user, linking the assistant's user account with Zennio's user account.

5.1 ALEXA

5.1.1 PREREQUISITES

- To have a KNX installation with a Zennio compatible touch panel (version 3.4 or higher).
- To have installed the Zennio Remote mobile app.
- To be registered in Zennio Remote with username and password.
- To have paired your compatible touch panel with voice control license with the Zennio Remote app.
- To have set the desired control of your compatible touch panel as a controllable device for voice control. This can be done from the [ZenVoice](#) website.

5.1.2 INSTRUCTIONS

- Search for the ZenVoice skill in the Amazon Alexa application and add it. To do this, click on the "Allow to use" button (Figure 6).

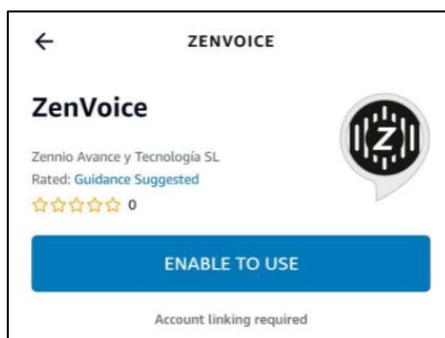


Figure 6. ZenVoice Skill in Alexa

- The window shown in Figure 1 will open, where you will have to enter the credentials of your Zennio account.
- Once logged in, the configured devices can be detected via ZenVoice.

Note: After activation of the Skill, the authentication will be valid for a period of 10 years. After that time, it will be necessary to deactivate and reactivate the Skill to log in again.

5.1.3 LANGUAGES

The ZenVoice skill is available in the following languages:

- English (GB, US, IN)
- Spanish (ES)
- French (FR)
- German (DE)
- Italian (IT)
- Hindi (IN)
- Portuguese (BR)
- Arabic (SA)

5.2 GOOGLE HOME

5.2.1 PREREQUISITES

- To have a KNX installation with a Zennio compatible touch panel (version 3.5 or higher).
- To have installed the Zennio Remote mobile app.
- To be registered in Zennio Remote with username and password.
- To have paired your compatible touch panel with voice control license with the Zennio Remote app.
- To have set the desired control of your compatible touch panel as a controllable device for voice control. This can be done from the [ZenVoice](https://www.zennio.com) website.

5.2.2 INSTRUCTIONS

- Search ZenVoice Action in Google Home and add it. To do this, click on the *Add and manage* button, then on *Set up device*, and finally on *Works with Google*. In the list of services you must select ZenVoice and enter the credentials of your Zennio account in the login that opens.

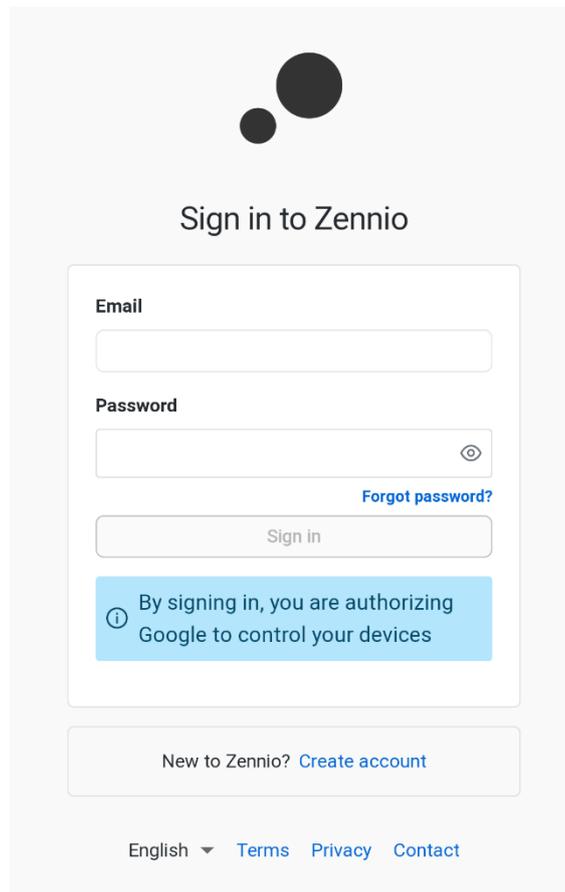


Figure 7. Login

- When access has been granted, the configured devices can be detected through ZenVoice.

Note: You need to have at least one voice-controllable device created in order to add ZenVoice Action to Google Home.

Note: After activation of the Google Action, the authentication will be valid for a period of 10 years. After that time, it will be necessary to deactivate and reactivate the Google Action to log in again.

5.2.3 LANGUAGES

The ZenVoice Google Action is available in all languages supported by Google, including, at least, the same as the Alexa Skill.

Join and send us your inquiries
about Zennio devices:
<https://support.zennio.com>

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