

VGA Configuration for LifeSize Room

This document addresses automatic configuration of VGA displays for LifeSize Room when systems fail to properly configure certain VGA displays.

Automatic configuration of VGA displays may not detect all displays. The following conditions may occur with some VGA monitors:

- **Failure to read the Extended Display Identification Data (EDID) of the display.**

LifeSize Room detects the display as VGA, but cannot determine its supported resolutions. LifeSize Room configures the display output to VGA at 1280x768. EDID is a VESA standard data format that contains general information about a display and its capabilities, including vendor information, maximum image size, color characteristics, factory pre-set timings, frequency range limits, and character strings for the display name and serial number.

- **Failure to detect the display as a VGA device.**

LifeSize Room configures the output to 720p. Most VGA monitors display this signal, however, the data is not centered and may be tinted green. You must manually configure the appropriate display as VGA to resolve this issue.

- **The resolution of the display is unsupported.**


LifeSize Room is a high definition video conferencing system that requires displays that support 1280x720 or 1280x768 resolutions. If a VGA display EDID does not contain one of these resolutions, LifeSize Room automatically configures it for 1280x768. Most multi-sync VGA displays can adjust to this resolution and scale the data to fit the screen, which is typically 4x3. If scaling occurs, the resulting image may be slightly distorted. For example, a display that only supports 1024x768 will scale the 1280x768 image causing it to appear narrow. If a display cannot adjust to the 1280x768 resolution, its screen remains blank or a message displays indicating the resolution is not supported. LifeSize Room does not support displays that do not support 1280x768.

When LifeSize Room does not automatically address one of these conditions, you must manually configure the display output. You can configure the display output from the LifeSize Room onscreen interface or from the LCD interface on the LifeSize Phone connected to your LifeSize Room system as described in the following sections.

Configuring Display Output from LifeSize Room

If your LifeSize Room system displays the initial configuration screen or the display is not showing an image, you must configure the display from the LifeSize Phone. Refer to “*Configuring Display Output from LifeSize Phone.*”



To resolve problems with VGA monitors from the LifeSize Room interface, follow these steps:

1. Ensure there are no calls in progress.
2. Navigate to the main screen by pressing the **Call**  button on the remote control.
3. Using the remote control, press the **LEFT ARROW** and **9 1 1** to navigate to the **Reserved Preferences** screen.
4. Enter the administrator password and press **OK**. The default password is 1 2 3 4.
5. Select the **Displays** button and press **OK**.
6. Select **VGA** for the **Display Type** preference for the display you wish to manually configure.

Display Type: [Auto, 720p, **VGA**]

If your display supports both 1280x720 and 1280x768, you can manually configure the system to use one of these resolutions by setting the **VGA Resolution** preference for the display you wish to manually configure.






Display VGA Resolution: [Auto, 1280x768, 1280x720]

7. Press the **Call**  button to return to the main screen or use the  button to exit the **Reserved Preferences** screen.

Configuring Display Output from LifeSize Phone

If you have not completed the initial configuration for LifeSize Room, or the attached display is blank, you must configure your display from the administrator interface on the LifeSize Phone.

To resolve problems with VGA monitors from the LifeSize Phone interface, follow these steps:

1. Ensure there are no calls in progress.
2. Log in to the **Admin Menu** on your LifeSize Phone.
 - a. Press     sequentially when the phone is idle.
 - b. Enter the administrator password and press . The default password is 1 2 3 4.
3. Press **1** on the keypad to select **Preferences**.
4. Press **1** or **2** to select the display you wish to configure.

1 - Display 1

2 - Display 2

5. Select **VGA** for the **Display Type** to manually set the display to VGA.

Display Type: [Auto, 720p, **VGA**]

If your display supports both 1280x720 and 1280x768, you can manually configure the system to use one of these resolutions by setting the **VGA Resolution** preference:

Display VGA Resolution: [Auto, 1280x768, 1280x720]

6. Press the  button to exit the **Admin Menu**.