



GT2000HDR, ZK430ST, UHZ35ST, & ZK608TST Golf Sim Screen Type - Aspect Ratio Overview

Supported Optoma Products:

- GT2000HDR, ZK430ST, UHS35ST, & ZK608TST

Recommended Requirements:

- Gaming or Professional Grade Video Card (GPU):
 - Nvidia: GTX 4060, GTX 4060, GTX 5060, GTX 4070Ti, GTX 5070Ti, GTX 4080, GTX5080 (Laptop variants are acceptable)
 - AMD: Radeon RX 6600 XT, RX 6700 XT, RX 6800 XT, RX 9050 XT, RX 9060 XT, RX 9070 XT (Laptop variants are acceptable)

Minimum Requirements:

- Desktop/Laptop GPU:
 - Intel Iris Xe Graphics, Intel® UHD Graphics, Intel ARC Graphics (when using Intel Graphics, set refresh rate to 90Hz or higher)

Optoma Firmware Requirements

- GT2000HDR FW Version: C08 / Available at <https://www.optomausa.com/product/gt2000hdr>
- ZK430ST FW Version: C12 / Available at <https://www.optomausa.com/product/ZK430ST>
- UHZ35ST FW Version: C12 / Available at <https://www.optomausa.com/product/uhz35st>
- ZK608TST FW Version: C19 / Available at <https://www.optomausa.com/product/ZK608TST>



Supported Screen Type – Aspect Ratios

ZK430ST, UHZ35ST, and ZK608TST (4K UHD)

- 4:3 -- 2880x2160
- 16:9 – 3840x2160
- 16:10 -- 3456x2160
- 1:1 -- 2160x2160
- 21:9 – 3440x1440
- Custom – resolution varies depending on setting

GT2000HDR (Full HD 1080p)

- 4:3 – 1440x1080
- 16:9 – 1920x1080
- 16:10 – 1720x1080
- 1:1 – 1080x1080
- Custom – resolution varies depending on setting

Function:

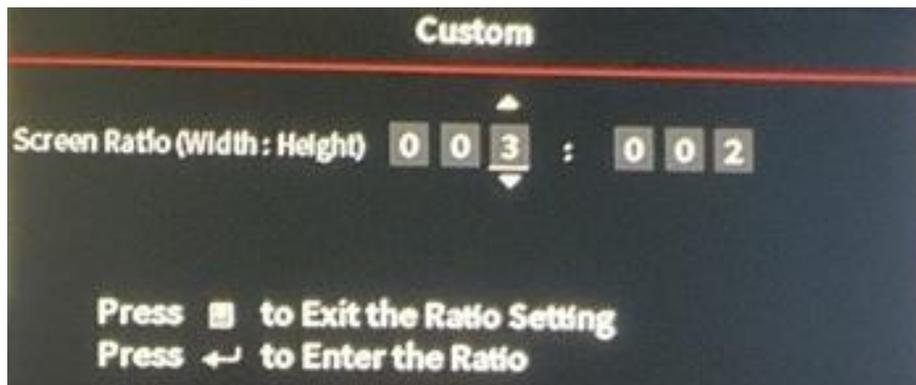
Optoma's *Custom Screen Type* function adds a customized resolution to the projector's EDID table, making it easier to fill a non-standard screen with projected content from a source PC, while eliminating distortion and maximizing on-screen pixel density.

Aspect Ratio Setup Instructions:

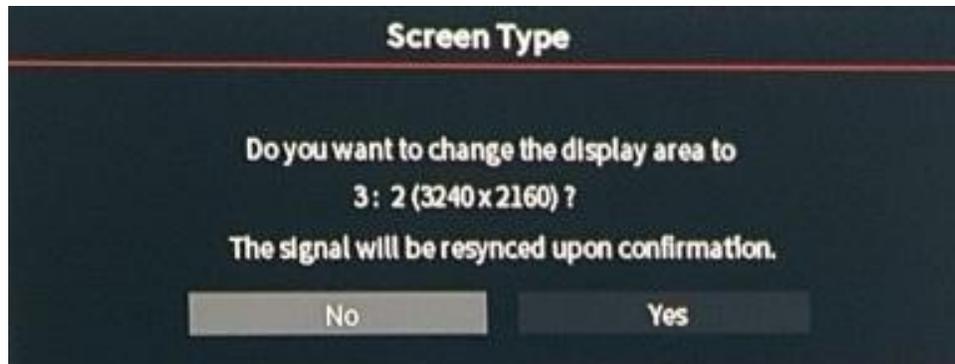
1. Upgrade Projector with the appropriate Firmware listed above. Each download includes "Firmware Upgrade Installation Instructions". When upgrade is complete, process to next step.
2. Use native resolution of projector under Windows – Settings > "System > Display > Scale and Layout".
3. Access OSD on Projector using *Menu* button on Remote or Projector Keypad.
4. Navigate to the *Screen Type* menu: *Image > Display > Screen Type*:



5. Select and confirm the desired preset screen type (matching the screen's W:H ratio).
If your screen's aspect is not listed, choose *Custom* and proceed to step 6—otherwise you may exit the menu.
6. Enter your screen's aspect as a ratio. For example, a 13.5' W x 9' H screen has an aspect of 3:2 , Alternatively, 135:90 produces the same result.



7. Press Enter and confirm (select "Yes") the following Aspect Ratio of 3:2 with a resolution of 3240x2160.



8. The custom resolution (3240x2160) is now added to the projector's EDID table. The custom resolution can now be selected from the Windows display menu, or graphics card software (if using dedicated GPU). PC content can now perfectly fill the screen—without the need for image warping or advanced PC configuration.

Configuration Notes:

1. For 1080p projector and source: If the projected image is not center or flush to one side (mainly occurs with Intel Graphics), set the refresh rate on the source (PC) to 90Hz or higher.
2. For 2K and 4K when using 4K Capable GPUs, please set refresh to 120Hz.
3. Questions, comments or concerns – please contact Optoma USA Customer Service:

Phone: 510-996-5044
1-888-862-0228
(6am-5pm PST)
Fax: 10-996-4794

Web Support: <https://support.optomausa.com/hc/en-us/requests/new>