

Purpose of the Panorama Plugin

Display a 360-degree panoramic photo created with a desktop application or a mobile phone app.

Installing the Panorama Plugin

1. In WordPress, go to **Plugins** → **Add New**.
2. Click **Upload Plugin** and select the ZIP file.
3. Click **Install Now**, then **Activate**.

Requirements

- WordPress 6.x (Gutenberg-editor)

Adding a Panorama Container

1. Open or edit a page or post.
2. Click the + (add block) and type “**Panorama**” or go to the **Media** category..
3. Choose **Media: Panorama Container**.
4. Adjust **HEIGHT** (px) and **ZOOM** (5–100).
5. Click **Open Media Library** and select an image (from the Media Library or upload a new one).
6. After the panorama image loads, it is initialized immediately. From that point on, changes to height and zoom are not instantly reflected in the Gutenberg editor. Save your page or post and reload it to see the updates.

ZOOM(5-100)

This sets the camera’s distance from the panorama image. A higher value moves the camera farther away, showing more of the image’s height and causing more distortion. Prefer lower values to zoom in on your panorama image.

Taking the Photo

Your image must always have a 1:2 aspect ratio. For example, if the height is 1000 pixels, the width must be 2000 pixels. Deviating from this ratio will produce incorrect results.

There are many ways to create the image. The simplest is with an insta360® camera, which can capture a full 360-degree photo or video with a single click. Another option is using auto-stitching software. Various auto-stitching programs exist for both mobile and desktop. One such program is PTGui—see ptgui.com for more information.

Black Panorama Block

A black block is caused by an incorrect image ratio. The image must be 1:2 (height × width). Otherwise, you may trigger an error in the WebGL library, leading to a black panorama block. If you have multiple panoramas on a single page or post, you may also encounter these issues.

Performance

For best performance, add no more than one panorama per page or post. Quality and performance depend heavily on the end user's hardware, because the plugin uses the WebGL 3D interface. In other words, performance depends on the graphics card of the computer or phone rendering the panorama.

How the Panorama Plugin Works

1 Settings gear

- Control
 - Mouse (default)
 - Sensor
- Mode
 - Normal (default)
 - Cardboard
 - Stereoscopic

2 Switch to Full Screen



Control

Control the panorama using the mouse or the gyroscope sensor of your phone or tablet.

Mode

Cardboard for Google Cardboard-type VR viewers. Stereoscopic for VR headsets.

