

Knowledge Exchange Standards for Submitting High Resolution Images

Below are guidelines the Knowledge Exchange has created to help you determine whether your images are considered high resolution (hi-res). Hi-res photos allow us to showcase research through crystal clear images in both digital and print formats.

File Types

- JPG/JPEG
- HEIF
- PNG
- RAW

Photo Orientation

Landscape



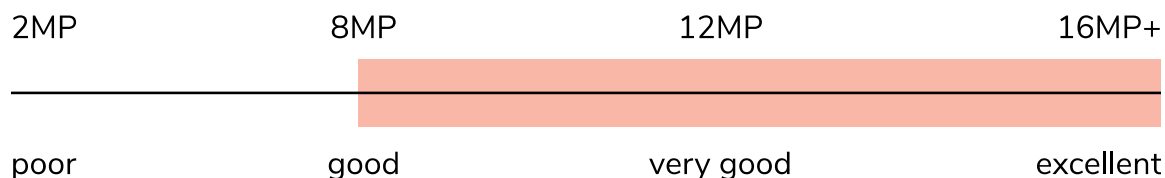
Portrait



We can currently accept any of the above file extensions. Images shot with a landscape orientation are preferred; however, we understand there are some instances where a portrait orientation is more appropriate to capture the subject matter in the photo.

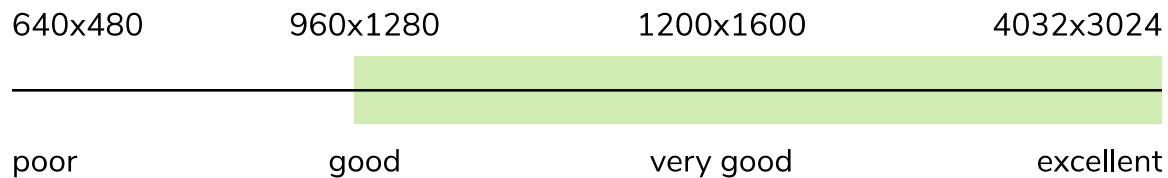
Image megapixels, resolution, and dimensions are all features we look at when determining if an image is hi-res. Most smartphones display some or all of this information when you look at an image's details. If you're using an Apple device, tap the information ("i") icon underneath the photo to view the image details. If you're using an Android device, click the vertical ellipsis (":") icon to view the image details. On a computer, you can see this information by right clicking on the image and selecting "get info" on a Mac or "properties→details" on a PC.

Image Megapixel (MP)



Megapixels (MP) dictate how much detail your camera's sensor can capture. The higher the megapixel number, the more potential detail can be captured within an image. Knowledge Exchange prefers images captured with 8MP or higher. All Apple devices will show MP but some Android devices do not. If your smartphone was made in 2010 or later, odds are your images were captured with hi-res.

Pixel Dimensions



Actual pixel dimensions will vary depending on make and model of device. Use these sample dimensions as a guide when looking to see if your images are hi-res.

- A low-resolution image might have pixel dimensions of 640x480px.
- A high-resolution image might have bigger pixel dimensions of 1200x1600px.

Pixel Resolution (pixels per inch/ppi)



Pixel resolution determines how clear the image will look. The higher the resolution, the clearer the image and the better it will look in both digital and print forms. Generally, 300ppi images are considered hi-res because the quality is good enough for printing purposes. Knowledge Exchange prefers images between 150 and 300ppi.

File Sizes

The bigger the file size the higher quality the image. When unsure about how large an image size you need, err on the side of larger.

- A low-resolution image of 72ppi at 640x480px might be about 98KB.
- An average-resolution image of 72ppi at 960x1280px might be about 536KB.
- A high-resolution image of 72ppi at 4032x3024px might be about 4.4MB.

Please do not resize your images when sending them to us. If the files you are trying to send are too large to send digitally, let us know so that we can coordinate a time to collect them via a thumb drive.

Questions? Please email us at kx@osu.edu.