

Panoramic Images

Made Easy

Mark Laverman Photography



WHAT IS A PANORAMIC IMAGE?

- Literally a wide general view from an elevated viewpoint
- An image with an aspect ratio of 2:1 or greater (PCC requires images to be 2.5:1)

DISPLAY ASPECT RATIOS IN A SNAPSHOT

3:2

35 mm film,
DSLR camera,
smartphones

4:3

SDTV/Video
computer displays

5:4

Computer
displays

16:10

Widescreen computer
displays, smartphones
(Horizontal)

16:9

HDTV, Widescreen
SDTV, smartphones
(Horizontal)

1.85:1

Cinema film (US)

2.35:1

Cinemascope

9:16

Smartphones
(vertical)

PANORAMIC FILM CAMERAS



CROP AN IMAGE

- Crop an image to a very wide aspect ratio (typically 2:1 to 3:1)
- May want to up res the image using a program such as Topaz Gigapixel depending on how big you intend to use it

STITCHING IMAGES TOGETHER

- Take multiple images and merge them together using software such as Photoshop

SHOOTING PANORAMIC IMAGES

- Use a tripod (level it for even horizon throughout range)
- Shoot in RAW
- Shoot in manual exposure (expose for middle of readings)
- Shoot in manual focus
- Shoot multiple images with 30%-50% overlap
- Can be verticals or horizontals
- I typically shoot 4-5 horizontals
- Polarizer can be tricky but I often use one



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