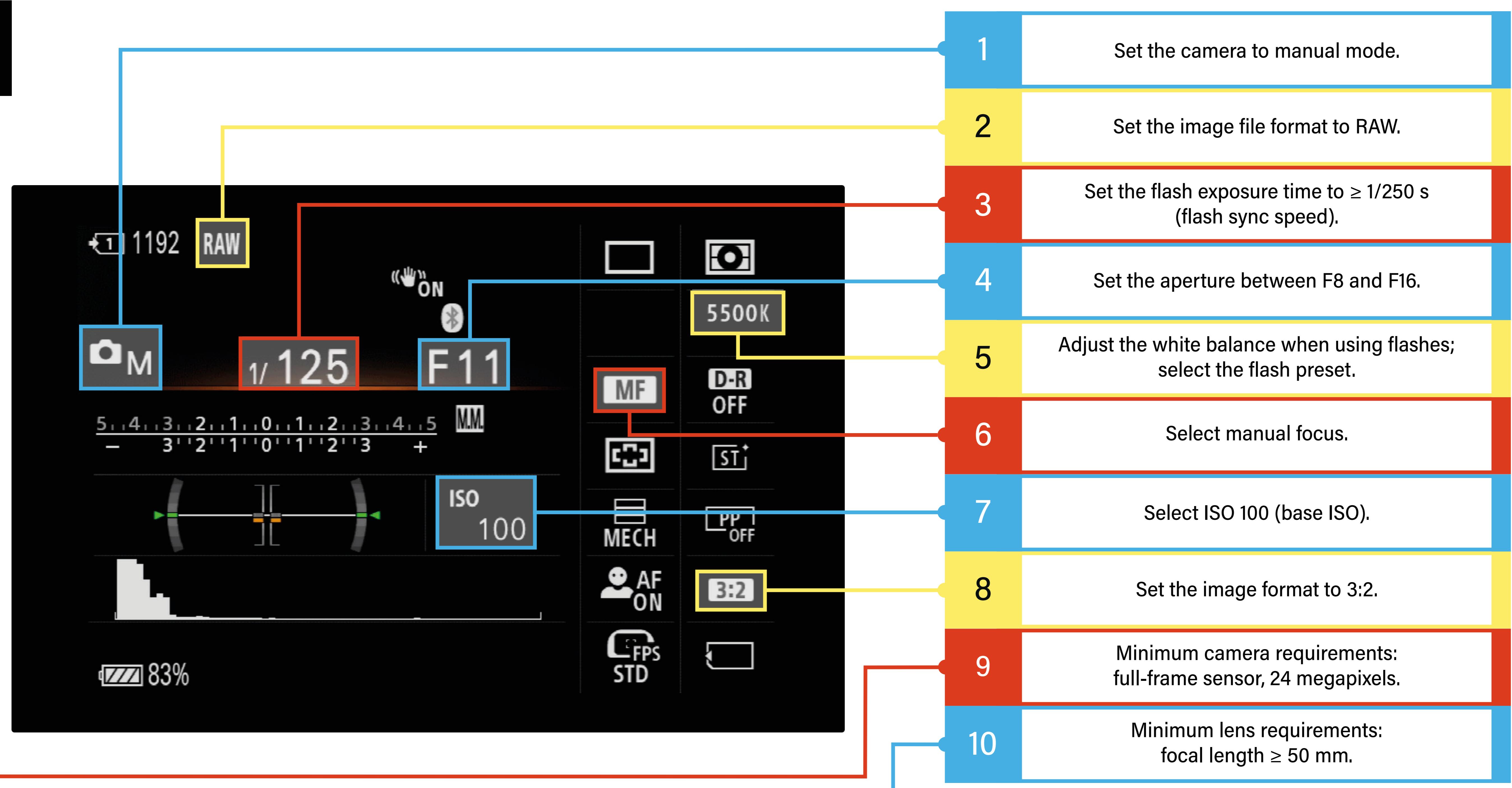


OBJECT PHOTOGRAPHY II

Lens and Camera



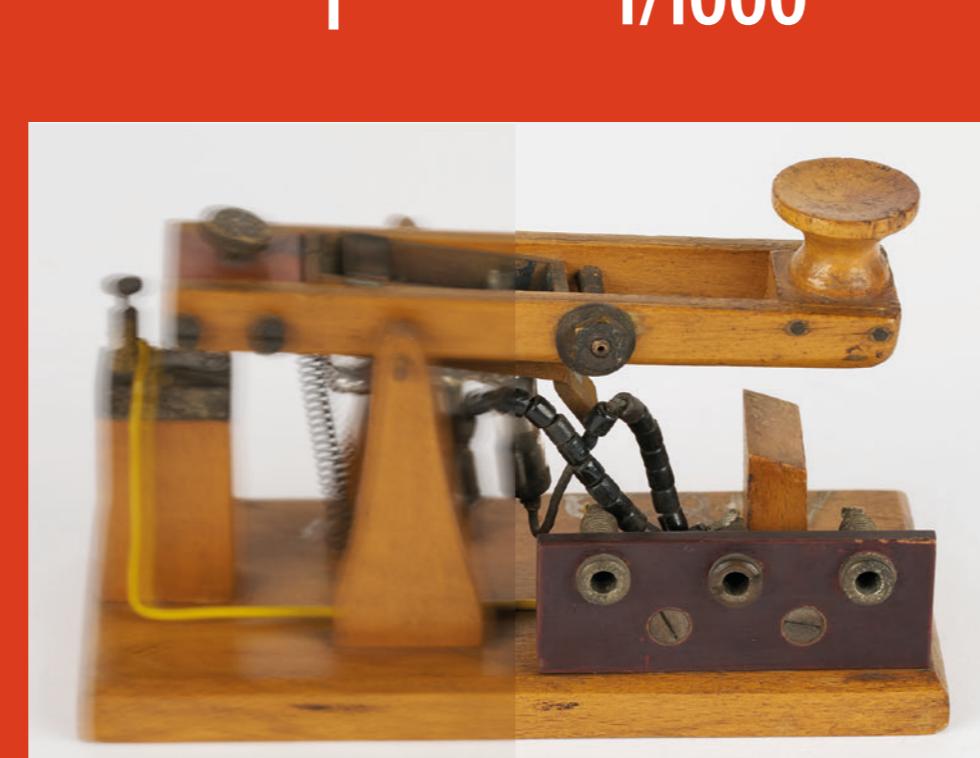
Aperture



f/2 f/16

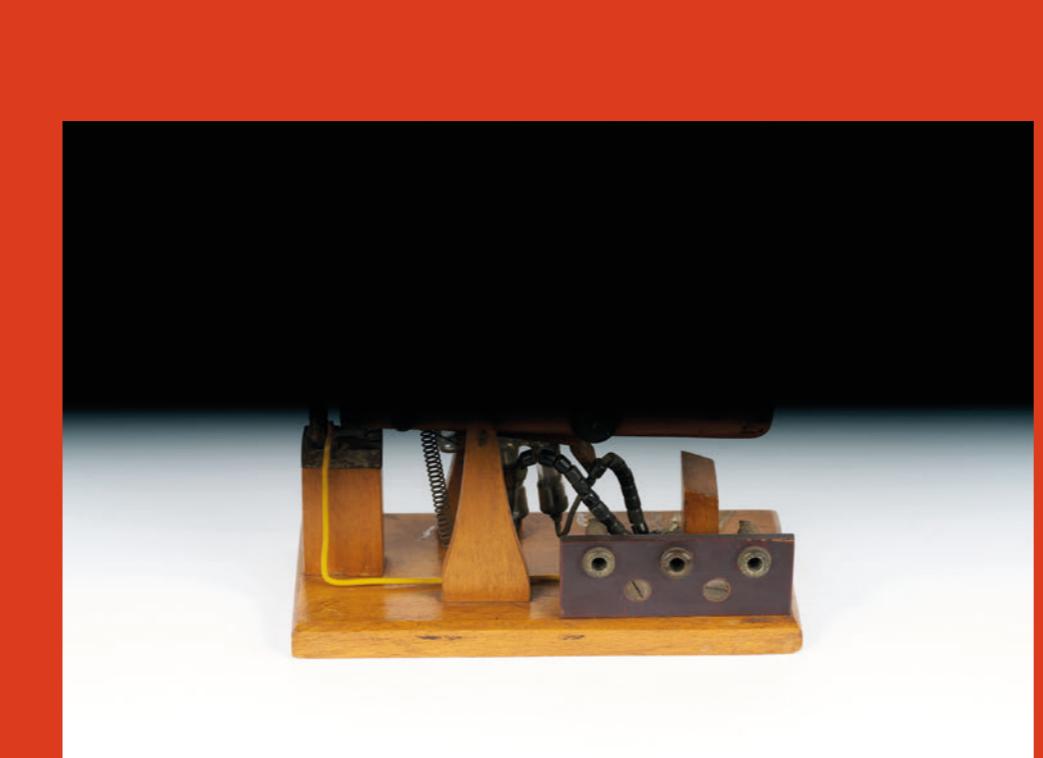
The higher the number, the smaller the opening and the greater the depth of field.

Exposure Time



1" 1/1000

When shooting hand-held images or moving subjects, longer exposure times result in motion blur.



When using flashes, an exposure time shorter than the flash sync speed (often 1/250 s) will cause the object to be only partially illuminated.

ISO



100 51200

The sensitivity of the camera sensor determines image noise. A low value results in minimal noise.

Sensor

(True to size, megapixel = MP)



Medium format
up to 150 MP
44 x 33 mm

Full frame
up to 61 MP
36 x 24 mm

Smartphone
6.16 x 4.62 mm

Focal Length

Wide-angle Lens



Wide-angle lenses are poorly suited for object photography because they cause distortions.

Telephoto Lens



Example:
wide-angle lens = 24 mm
telephoto lens = 70 mm