

APERTURE



SHUTTER SPEED

B | 30' | 15' | 2' | 1' | 1/2 | 1/4 | 1/8 | 1/15 | 1/30 | 1/60 | 1/125 | 1/250 | 1/500 | 1/1000

longer shutter stays open
more light strikes image sensor
shows motion



shorter shutter stays open
less light strikes image sensor
freezes motion

SMOOTH

100

200

400

ISO

800

1600

3200

NOISY

low sensitivity to light



use during day time
higher quality (smooth)



high sensitivity to light



use during night time
lower quality (noisy)

