

CAMERA ISO AND SHUTTER SPEED CHEAT SHEET

ISO

> **LOW ISO:** (100-200): BRIGHT CONDITIONS, MINIMAL NOISE.

> **MID ISO:** (400-800): OVERCAST DAYS, INDOOR WITH GOOD LIGHTING.

> **HIGH ISO:** (800+): LOW-LIGHT, MORE NOISE.

SHUTTER SPEED

> **SLOW (1/30S, 1S):** MOTION BLUR. IDEAL FOR CREATIVE EFFECTS LIKE LIGHT TRAILS.

> **MEDIUM (1/125S, 1/250S):** GENERAL PHOTOGRAPHY.

> **FAST (1/500S, 1/1000S):** FREEZES MOTION. IDEAL FOR SPORTS, WILDLIFE.

QUICK SETTINGS EXAMPLES

1.

DAYLIGHT PHOTOGRAPHY:

- ISO: 100
- SHUTTER SPEED: 1/500S
- APERTURE: F/8

2.

INDOOR PHOTOGRAPHY:

- ISO: 800
- SHUTTER SPEED: 1/60S
- APERTURE: F/4

3.

NIGHT PHOTOGRAPHY:

- ISO: 1600
- SHUTTER SPEED: 1/30S
- APERTURE: F/2.8

VIDEOGRAPHY

FRAME RATE: 24FPS > **SHUTTER SPEED:** 1/48s

ISO: ADJUST TO AVOID NOISE, IDEALLY LOW.

ND FILTERS: USE IN BRIGHT CONDITIONS.

DAYLIGHT:

- SHUTTER SPEED: 1/48S
- ISO: 100
- ND FILTER: ND4-ND8
- APERTURE: ADJUST FOR DEPTH OF FIELD

EXAMPLE SETUP FOR 24FPS VIDEO:

LOW-LIGHT:

- SHUTTER SPEED: 1/48S
- ISO: 1600
- ND FILTER: NONE
- APERTURE: F/2.8

TIPS:

ISO: START LOW, INCREASE ONLY AS NEEDED.

SHUTTER SPEED: MATCH TO SUBJECT MOVEMENT.

BALANCE EXPOSURE: ADJUST APERTURE ACCORDINGLY.