**SHUTTER SPEED**

- B 2 5 30 **60** 80 **125** 500 1000 2000

  - lowest for objects
  - lowest for people

**ISO**

- **100** best quality, no grain, use in plenty of light
- **200** very good quality, little grain, bright shade
- **400** good quality, little/no grain, overcast
- **800** max ISO for good quality, well lit interior
- **1600** noticeable noise, low light interior/exterior
- **3200** noise, very low light interior/exterior
- **6400** noisy, dark interior/exterior

**APERTURE**

- large aperture
  - f/2.8
  - f/4.0
  - f/5.6
  - f/8.0
  - f/11
  - f/16
  - f/22

  - shallow depth of field
  - greatest depth of field

**MANUAL MODE**

- **Shutter Speed**
  - Use command dial while holding down +/- button to change aperture.

- **Aperture**
  - Use command dial while holding down +/- button to change aperture.
SHOOTING VIDEO

SHOOT VIDEO IN LIVE VIEW

Switch to Live view to see view on screen.

Press record button to begin video recording.

Corresponding frame size, frame rate and recording time limits.

<table>
<thead>
<tr>
<th>Frame size/frame rate</th>
<th>Maximum length (high movie quality ★/normal movie quality)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame size (pixels)</td>
<td>Frame rate (^1)</td>
</tr>
<tr>
<td>1920 × 1080</td>
<td>60p (^2) 50p (^3)</td>
</tr>
<tr>
<td>1280 × 720</td>
<td>30p (^2) 25p (^3)</td>
</tr>
<tr>
<td>640 × 424</td>
<td>30p (^2) 25p (^3)</td>
</tr>
</tbody>
</table>