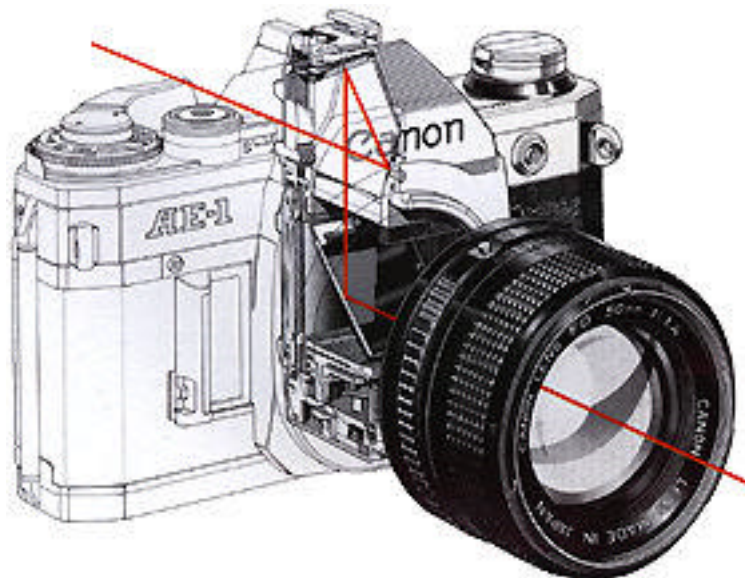


## Modern Classic SLR Series The Canon AE-1 - Specifications



**Type:** 35mm SLR (Single-Lens-Reflex) camera with electronically controlled AE (Automatic Exposure) and focal plane shutter.

**Picture Size:** 24 x 36mm

**Interchangeable Lenses:** Canon FD series with full aperture metering and AE coupling. Canon FL series with stopped-down metering.

**Standard Lenses:** Canon FD 55mm f/1.2 S.S.C; Canon FD 50mm f/1.4; S.S.C. Canon FD 50mm f/1.8 S.C.

**Lens Mount:** Canon Breech-Lock mount. Canon FD, FL and R lenses can be used.

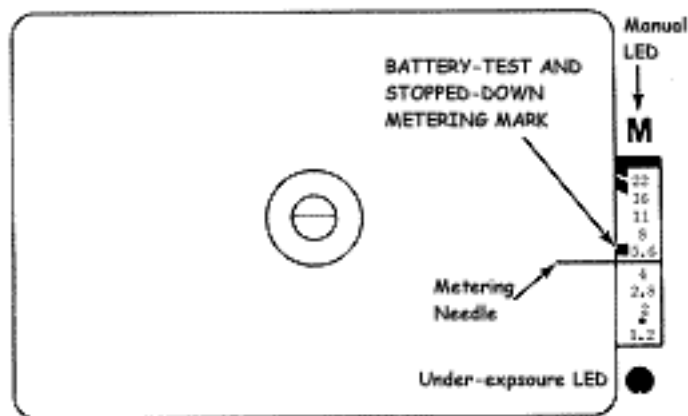
**Viewfinder:** Fixed eye-level pentaprism

**Field of View:** 93.5% vertical and 96% horizontal coverage of the actual picture area.

**Magnification:** 1:0.86 at infinity with a standard 50mm lens.

**Viewfinder Attachments:** Angle Finder A2 and B, Magnifier S, Dioptic Adjustment Lens (10 kinds), and Eyecup S.

**Mirror:** Instant-return, large reflector mirror with shock absorbing mechanism.



### Viewfinder Information:

Split- image/micropism rangefinder, aperture scale with meter needle and stopped-down metering index mark which also serves as battery charge level check mark. Besides, there are two red zones at the top of the aperture scale to warn of overexposure. Below the aperture scale, a red warning LED lamp blinks to indicate underexposure. This lamp also indicates that the selected shutter speed is outside the AE coupling range with respect to the ASA of the film being used. Above the aperture scale, a manual aperture control "M" signal (red LED) blinks as a warning that the aperture ring is not set at the "A" mark for AE photography.

**AE Mechanism:** Shutter priority, electronically controlled AE metering system incorporating two ICs and one LSI equipped with **PL** (Integrated Injection Logic)

**Light Metering System:** TTL (Through-The-Lens) Central Emphasis Metering method employing a Silicon Photocell as photosensitive element.

**Exposure Meter Coupling Range:** With ASA 100 film, EV1 (f/1.4 at one second) to EV18 (f/16 at 1/1000 second).

**Film Speed Range:** ASA 25 to ASA 3200.

**Exposure Correction:** By pressing the backlight control switch, exposure is corrected by the automatic opening of the diaphragm 1.5 stops more on the aperture scale than the actual setting.

**Exposure Preview:** The meter needle will indicate in the viewfinder when the shutter release button is depressed halfway or the exposure preview switch is depressed.

**Shutter:** Cloth focal plane shutter with four spindles. Shock and noise damping mechanisms are incorporated.

All shutter speeds are electronically controlled.

**Shutter Speeds:** 1/1000, 1/500, 1/250, 1/125, 1/60, 1/30, 1/15, 1/8, 1/4, 1/2, 1, 2 (seconds) and B. X synchronization is at 1/60 seconds.

**Shutter Speed Dial:** The shutter speed dial is on the same axis as the film advance lever. The number 2 for two seconds is marked in orange; other numbers as well as X synchronization are in white. There is a shutter dial guard to prevent unintentional movement of the dial. The ASA dial is located underneath the shutter speed dial.

**Shutter Release Button:** It is a large, button type magnetic release switch. Depressing the shutter release button halfway switches on the light metering circuit, while full depression releases the shutter. The shutter release button has a locking device, besides a socket for the cable release in the center.

**Self-Timer:** Electronically controlled self timer. After the self-timer lever is pushed forward, the self-timer is activated by the shutter release button. The self-timer releases the shutter after a time lag of 10 seconds. A self-timer lamp (red LED) blinks on and off to indicate when the self-timer is in operation.

**Stopping-Down the Lens** Stopping-down the lens can be performed by pushing the stopped-down lever after setting the aperture ring.

**Power Source:** One 6V silver oxide battery Eveready No.544, UCAR No.544 JIS 4G 13, or Mallory PX28) or alkaline manganese battery (Eveready No.537, UCAR No.537, or Mallory 7K13). The battery lasts approximately one year . under normal use.

**Battery Check:** Battery power level can be checked by the meter needle in the viewfinder when the battery check button is pressed.

**Flash Synchronization:** X synchronization is at 1/60 second. M synchronization is at 1/30 second and below.

**Flash Terminal:** The accessory shoe has a direct flash contact and automatic flash control contacts. On the front of the camera body is the flash terminal, JIS-B type for flash units with a cord. It has a built-in protective rim to prevent electrical shock.

**Automatic Flash:** With the exclusive Canon Speedlite 155A, the shutter speed and aperture are automatically set. The amount of light is automatically controlled for correct flash exposure.

**Back Cover:** The camera's back cover has a memo holder for your convenience. The cover can be removed for attaching the Canon Data Back A. To open, pull the rewind crank up.

**Film Loading:** Easy film loading with multislot take-up spool.

**Winding Lever:** Single stroke with 120° throw and 30° stand-off. The film can be wound with several short strokes. The Canon Power Winder A also can be mounted for automatic winding of the film.

**Frame Counter:** Additive type. Automatically resets when the back cover is opened. While rewinding film, it counts back the frame numbers.

**Film Rewinding:** Performed by pressing the rewind button on the bottom and by using the rewind crank on the top. The rewind button is automatically reset when the film is advanced with the film advance lever.

#### **Safety Devices:**

- The shutter does not drain battery power when not released.
- The film cannot be wound while the shutter is in operation.

**Size:** 141 x 87 x 47.5mm (5-9/16" x 3-7/16" x 1-7/8") body only.

**Weight:** 590g (20-13/16 ozs.) body only. 790g (27-7/8" ozs.) with the 50mm f/1.8 S.C. lens. 895g (31-9/16 ozs.) with the 50mm f/1.4 S.S.C. lens.

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