# A NEW GENERATION

# Canon AE-1

## The first computerized, shutter-priority automatic SLR. It changed the course of fine photography.

## 8 Main Features of the Canon AE-1

**1 The First SLR with a Control Processing Unit**
As completely as possible, formerly mechanical controls have been replaced by smaller, electronically automated ones, which render more reliable service and lightning-fast, precision performance. And all funcitions come under the govening brain of a Central Processing Unit (CPU) which coordinates the SLR system response to any shooting situation.

**2 True Shutter Priority AE**
With priority given to shutter speed and the aperture set automatically, no action shot need ever be lost. Because the AE-1 meters within a split-second and the aperture is set just before the shutter is actually released, the possibility of error due to sudden change in conditions is virtually eliminated.

**3 Exceptional Versatillity Combined with Handling Ease**
Electronic controls and the replacement of many mechanical parts make the AE-1 extremely compact and lightweight. The camera and all its accessories have been designed with all controls centralized and within instant reach for maximum ease of handling. And all metering information is conveniently displayed in the viewfinder.

**4 Two Power Winders for Optimum Ease of Shooting**
Compact and easy to use, Power Winders A and A2 each couple to the AE-1's electronic circuitry to provide continuous shooting at a maximum 2 frames per second. A convenient switch on the A2 allows you to select the shooting mode; on the Power Winder A, simply remove your finger from the shutter button for single-frame shooting.

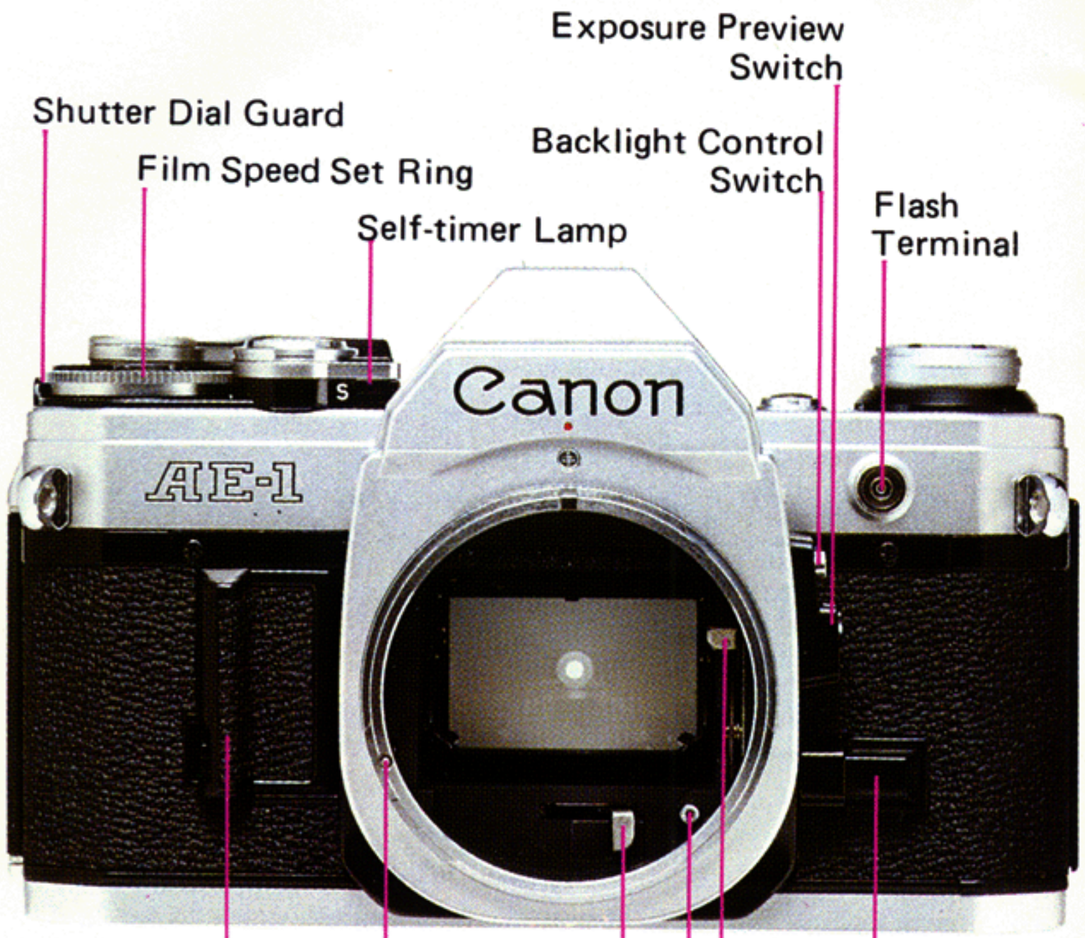
**5 Flashes to Meet Your Every Need**
There are seven special flash units, the Speedlite 577G, 533G, 199A, 188A, 177A, 155A, and 133A, which make AE flash photography possible with the AE-1. Mounted on the AE-1, the Speedlite is fully controlled by the camera's microcomputer. The result is genuine automatic control with flash which eliminates the worry about synchronization or shutter speed.

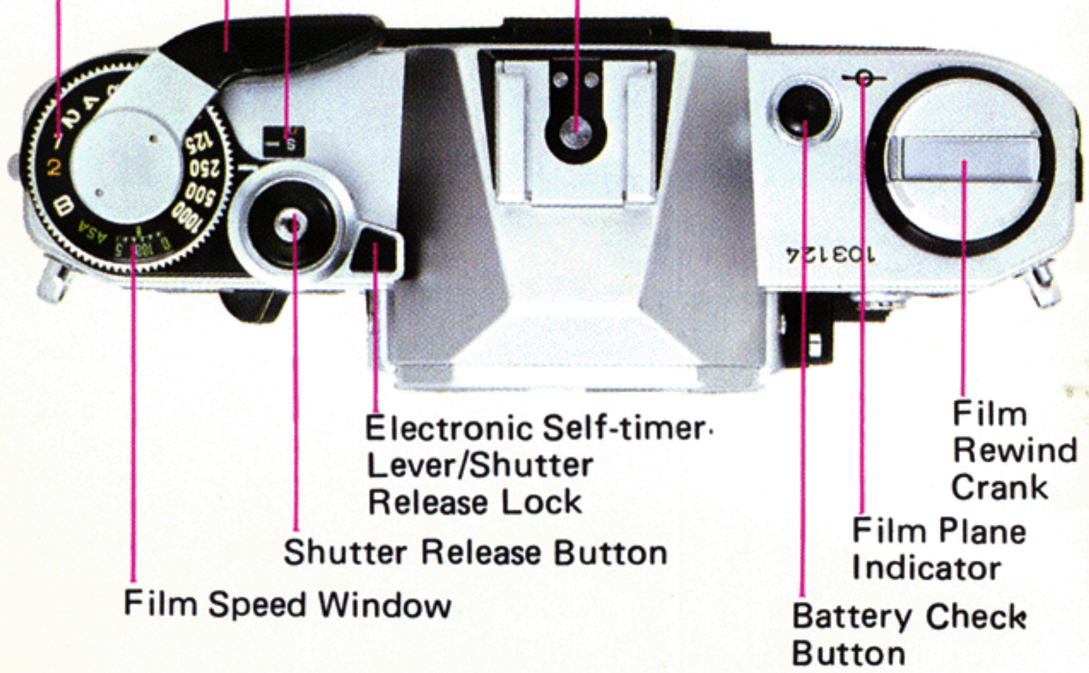
**6 Classifying Photographs with the Data Back A**
Canon's exclusive imprinting process, which conveniently imprints dates and other data on the film at the very moment of taking the picture, is available as an accessory easily attached to the AE-1. With this device, photos can be easily classified or chronologically arranged for research or any other purpose.

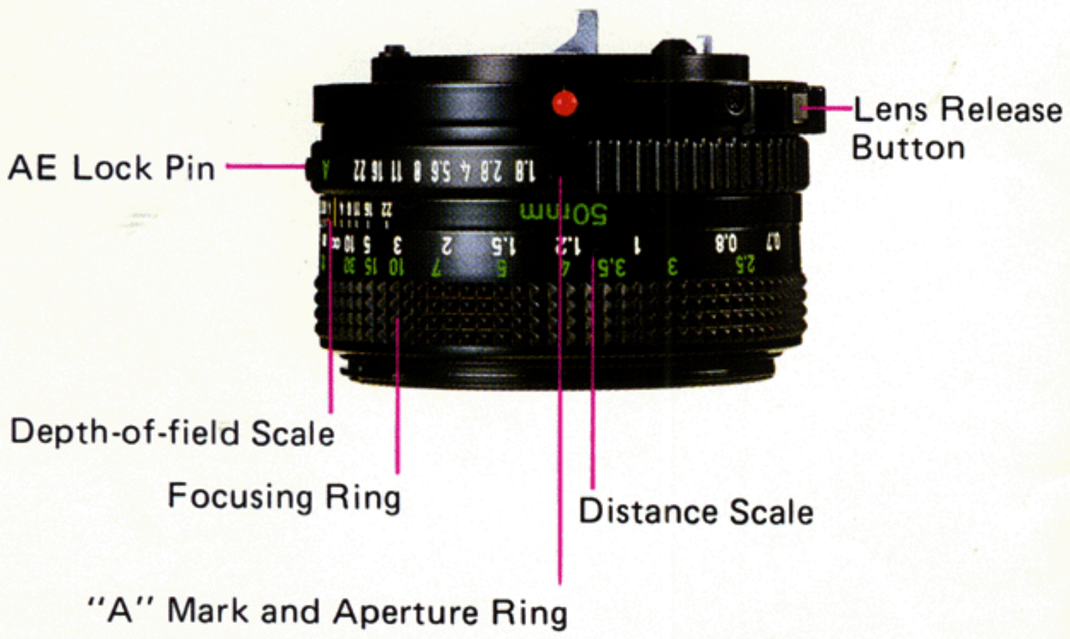
**7 Making the Most of Canon FD Lenses**
The AE-1 utilizes the full range of Canon FD lenses. Canon makes superb, quality lenses for every possible photographic application and every possible photographic effect. FD lenses have been designed to meet the most stringent requirements of professional photographers.

**8 The Exciting World of Close-up Photography**
A great assortment of accessories and attachments is available enabling you to jump right into the world of close-up photography. With them, even those tiny insects you've always wanted on film cannot escape the AE-1's grasp.

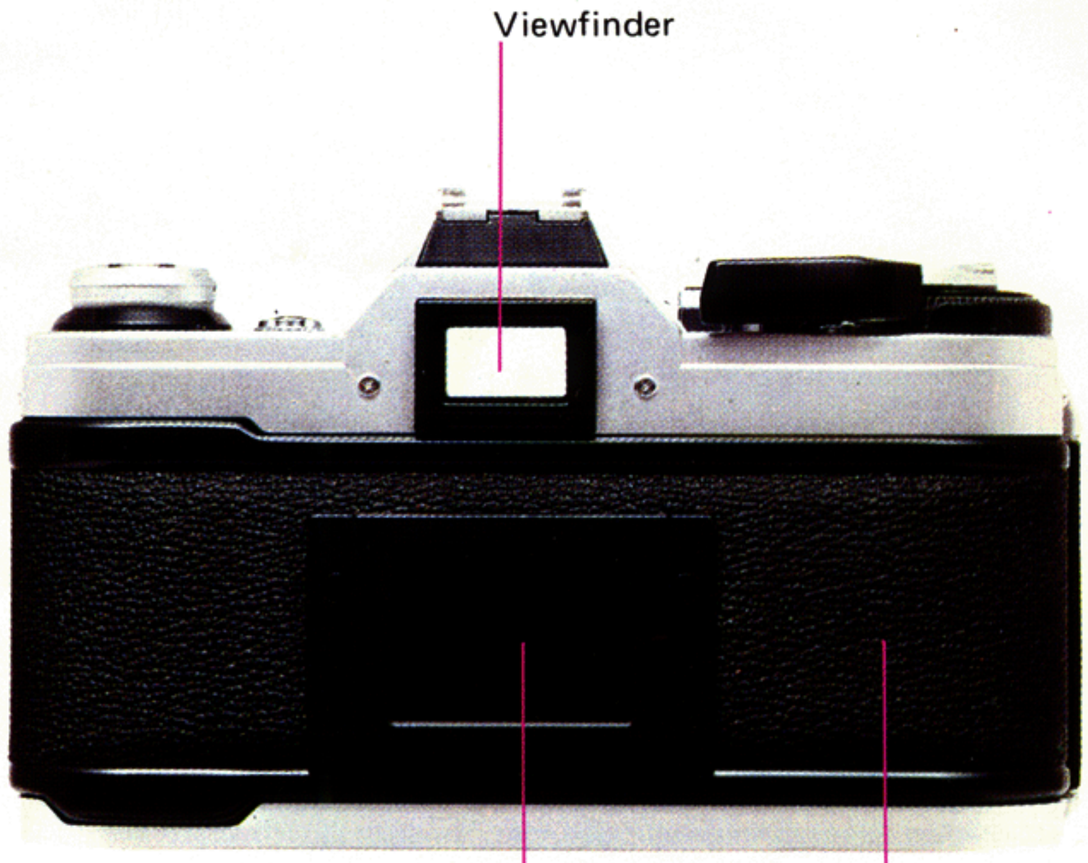
## Nomenclature

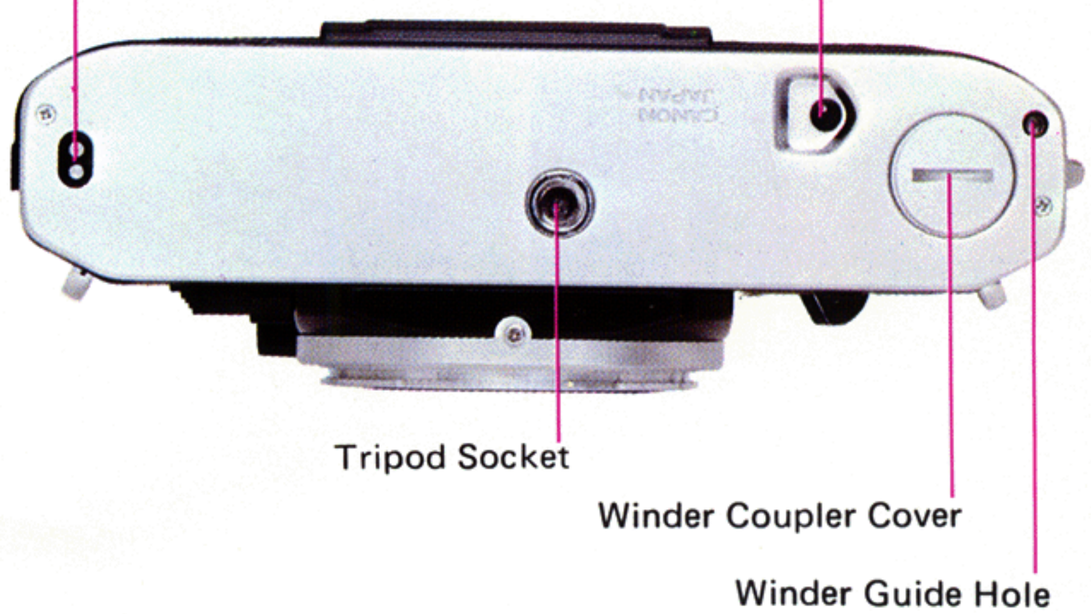


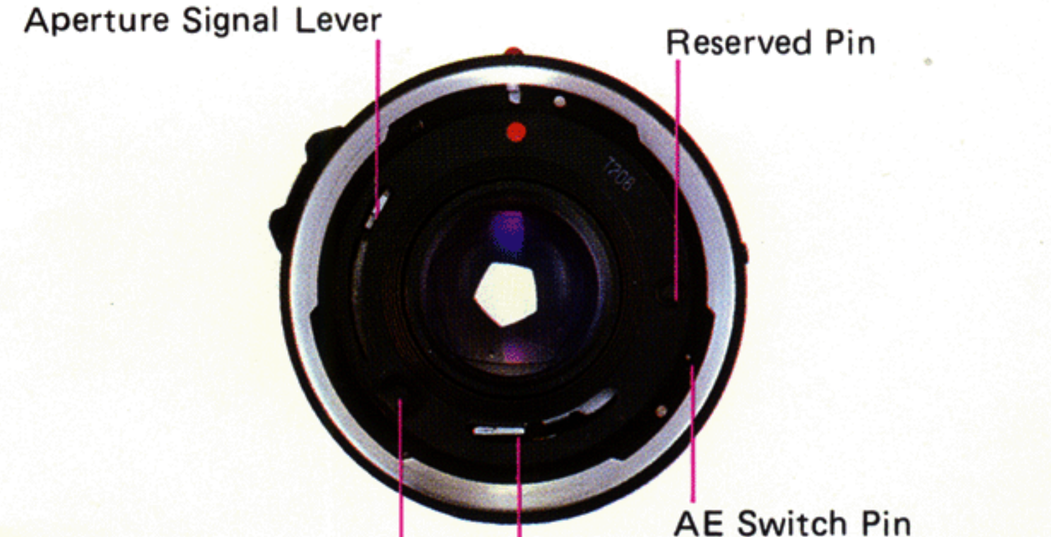





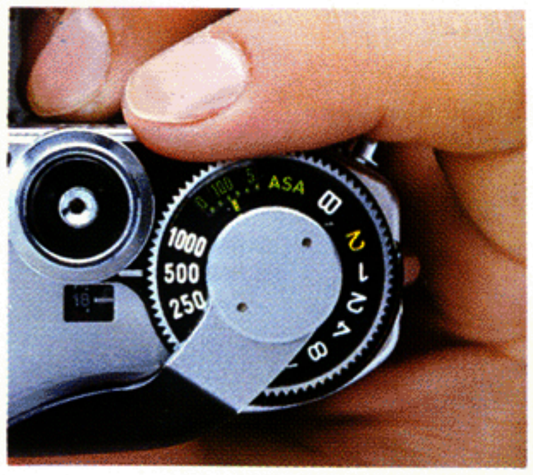



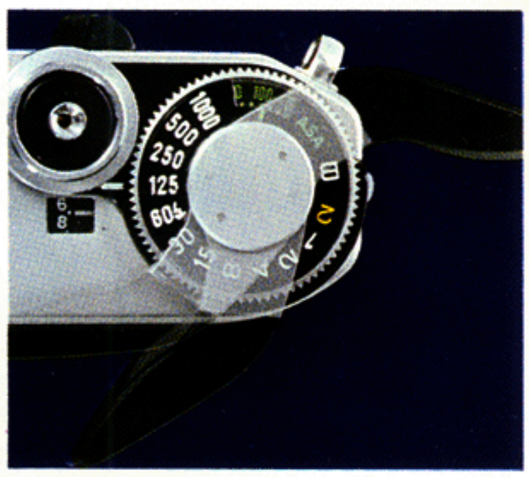



## Specific Features with Special Performance

### Large Shutter Speed Dial with Protective Guard

The shutter speed dial is especially large to enable finger-edge control as the camera is held. A protective guard prevents unintentional movement of the dial, and the ASA ring is located underneath.



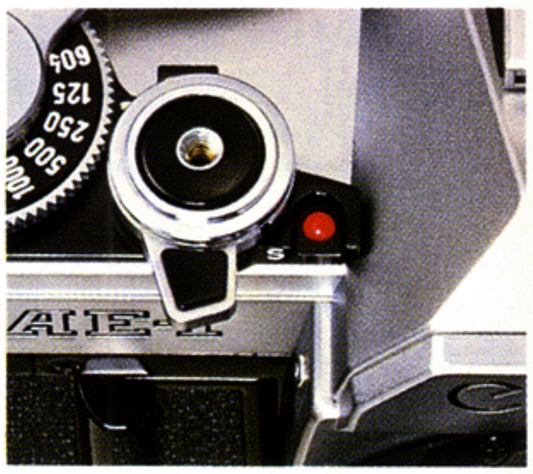




### Comfortable, Short-throw Film Advance Lever

A short-throw, 120° film advance lever allows the film to be rapidly advanced for action photography. It also features a comfortably molded, plastic tip.

### Two-step Electromagnetic Shutter Release Button

This special two-step shutter release button permits one-finger control of all of the camera's automatic functions. A slight depression turns power on and activates the exposure meter; a full depression triggers electromagnetic release of the shutter, preceded by AE aperture setting.


### Electronic Self-timer

The governor mechanism of the conventional self-timer has been replaced by solid state circuitry in the AE-1. The electronic self-timer releases the shutter after a lag of 10 seconds, while a red LED signal flashes to indicate its operation.

### Convenient Finger Grip Bar

The raised contour of the battery chamber cover conveniently provides a firm, handy grip for excellent security in action situations.


### Stop-down Lever

A convenient sliding stop-down lever is provided for checking the depth-of-field. It also features a locking button which can fix it in the stopped-down position.



### Backlight Control and Exposure Preview Switches

The AE-1 features a backlight exposure compensation of 1.5 gradations more on the aperture scale than the actual setting. This convenient button is for shooting against bright light. Below it is the exposure preview switch to check the AE aperture setting that is displayed in the viewfinder.



### Battery Check Button

By pressing the battery check button, the battery's charge can be ascertained by reading the exposure meter needle in the viewfinder. It also serves to cancel operation of the electronic self-timer.

### Compact, 6V Battery

Only one, compact 6V silver oxide or alkaline manganese battery is required to power all of the AE-1's marvelous electronic features. Its large voltage capacity is well enough for one year under normal use.

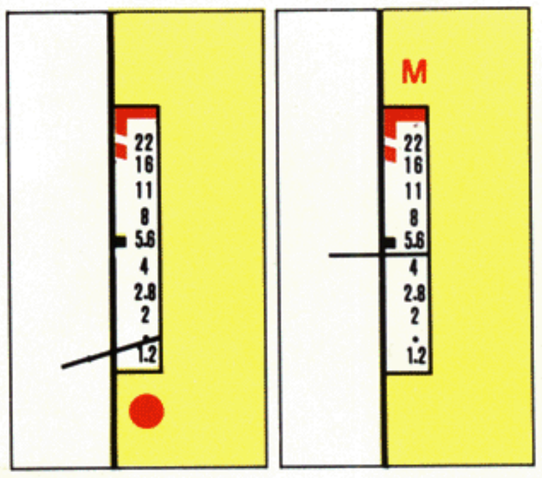


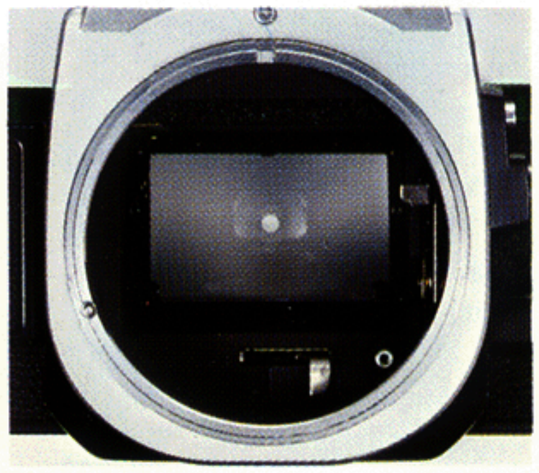
### Handy Memo Holder

A memo holder is featured on the back cover. The end tab of the film carton may be inserted as a memo to indicate the film type and number of exposures, or other information.

### Complete Information in the Viewfinder

The AE aperture setting is clearly displayed in the viewfinder aperture scale which includes two red warning zones to indicate overexposure. Flashing red LED signals give vivid visual indication of manual ("M") aperture setting and underexposure/coupling range warning ("●").



### Exclusive Canon Breech-lock Mount

The breech-lock mount, one of the high-quality features of Canon FD lenses, enables rapid changes from one lens to the next, according to the demands of the situation.

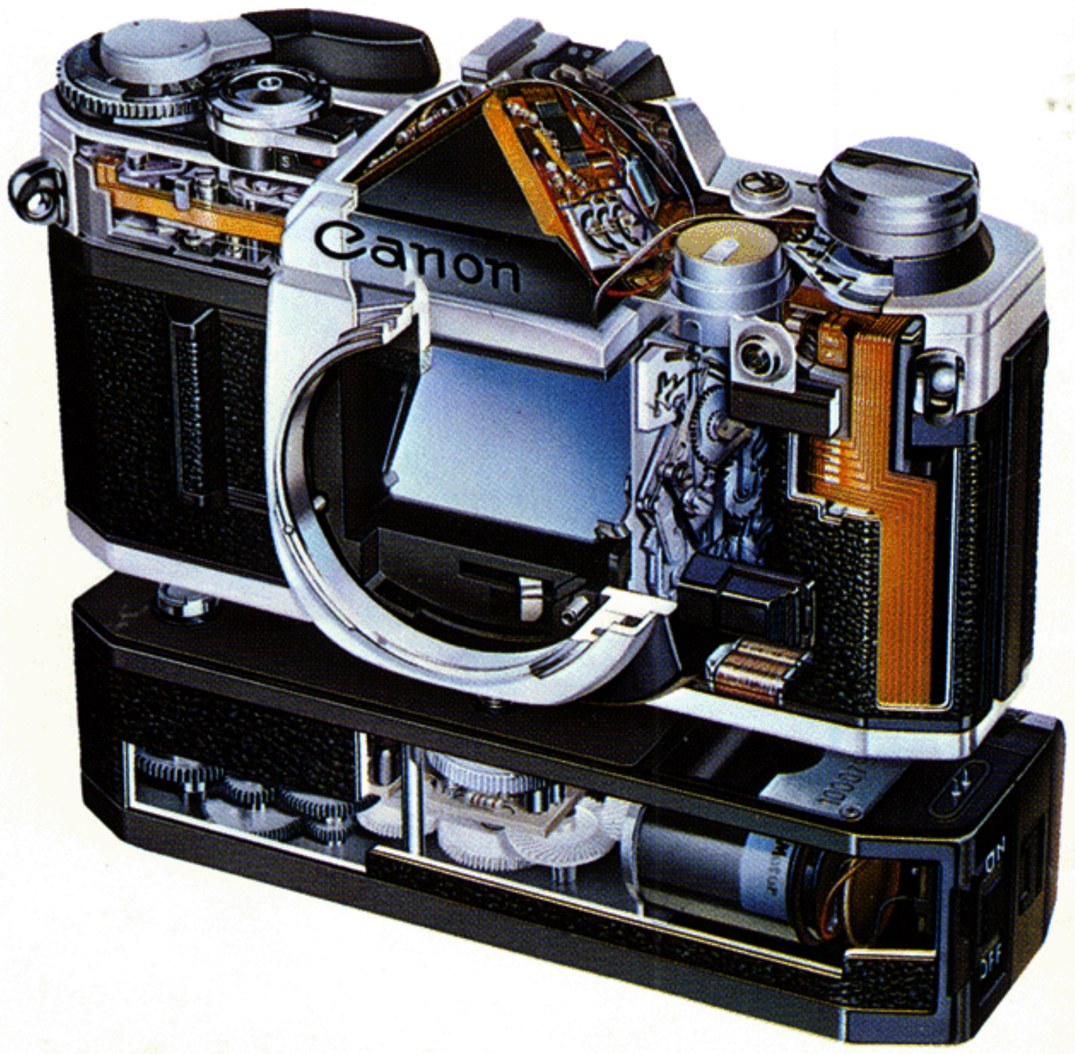
## The SLR That Established a Tradition

What does it take for a camera to become the most successful SLR of all time? In the AE-1's case, some of the most advanced electronic technology ever incorporated in a camera.

The AE-1 made history by being the first camera to place all camera functions under command of a Central Processing Unit (CPU). Electronics are used not only for determining the exposure, but also for automatic control of practically every working part, including the electromagnetic shutter release.

Furthermore, completely automatically controlled operation is possible with the wide range of AE-1 accessories. For example, the Power Winder A or A2 can be quickly attached for power-driven, automatic film winding at a pace of two frames per second to handle any action situation, no matter how fast the movement. Automatic Speedlites are easily installed on the camera's hot-shoe for flash photography, extending its automatic functions to any lighting sutiation.

Founder of a fine tradition: the Canon AE-1






# 1 The SLR with a Central Processing Unit

### The World's Latest Breakthroughs in Electronic Technology

The Canon AE-1 adopted some of the world's latest breakthroughs in electronic technology to completely revolutionize the SLR camera. Wherever possible, electronically automated controls replaced mechanical ones.

The AE-1's circuitry has integration several times higher than formerly possible by using $I^2L$ (Integ. Injection Logic). This uses a 3mm sq. chip to perform functions equivalent to over a thousand elements, reducing size and power consumption.

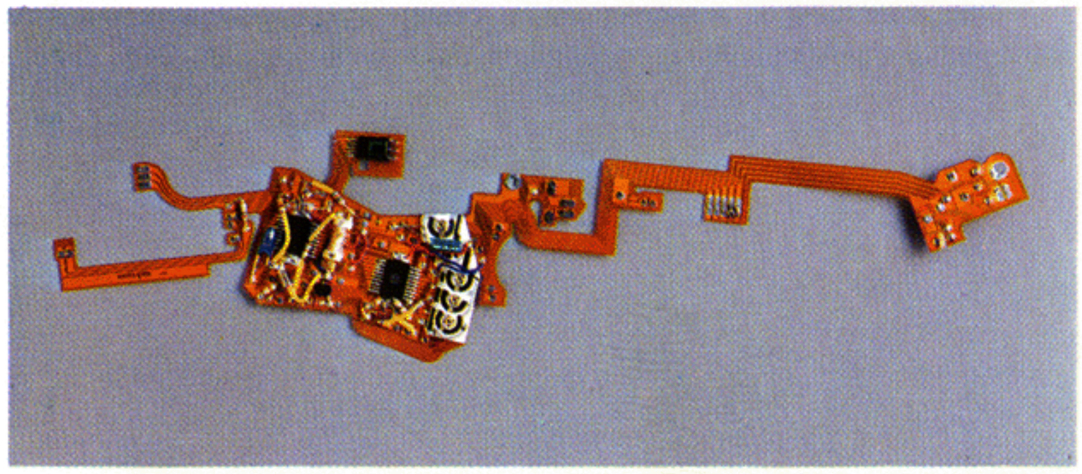
Among AE-1 innovations are the incorporation of a sensitive silicon photocell and logarithmic amplifier in one IC and the use of hyperbolic function resistance in the electronic circuitry design.

Another innovation is the adoption of a flexible wiring substrate with the CPU. This completes all electrical contacts between its circuitry, eliminating the former need for wire conductors and solder connections.

### Central Processing Unit

The CPU is the brain of the sophisticated electronic system which handles all signal information and gives all commands in shooting.

It is composed of highly integrated circuits including two bi-polar ICs and an LSI containing more than a thousand ele-



ments. The CPU processes with extreme accuracy a complex variety of information simultaneously, so that every camera function responds to the actual shooting conditions.

The operational amplifier of the CPU resembles a tiny analog computer and besides accurate, high speed data processing, it allows digital mode data storage. As data stored in the digital mode is not affected by external conditions, the value given by the CPU is unerringly transmitted to the aperture control system.

Upon tripping the electronic shutter, the CPU activates the travel of the first shutter curtain and after the time interval correspoinding to the selected shutter speed, activates the closing of the second shutter curtain in flawless sequence.

### Functional Power Distribution

Despite the AE-1's many electronic features, IC and LSI circuitry and individual control of the camera's functions provide remarkable battery economy. Power is automatically switched on or off only by depression of the shutter release button so that power consumption is absolutely minimized. It is supplied only to the necessary systems as required and automatically discontinued to systems not in actual use. As the electronic shutter is triggered with only a slight electrical pulse, it also results in a tremendous power saving. Thus, normal life of the 6V silver oxide battery is prolonged to nearly one year, or approximately 20,000 exposures.

## 2 True Shutter Priority AE

Automatic exposure (AE) lends its greatest advantage in action photography, where time-consuming manual adjustments become virtually impossible. In order to capture action at its fastest, the right shutter speed is much more important than the aperture opening which merely influences the depth-of-field. Thus, for action photography, shutter priority AE has proven to perform far more effectively than the aperture priority system.

The Canon AE-1 uses the Central Emphasis Averaging Metering method for which Canon's fine SLR cameras are already well-known. This method has proven to be the most reliable way of assessing the correct exposure for flawless results.

**Immediate Response Metering**

The AE-1 is unique in that it meters and sets the aperture immediately before the shutter is released. The AE-1's metering system employs a highly sensitive silicon photocell which responds more quickly and is considerably more sensitive than the conventional CdS photocell, especially under dim light conditions owing to the incorporation of an electric discharge circuit. Its output signal is amplified by a MOS-BI logarithmic amplifier constructed in a single IC which is stable against changes in temperature, humidity and noise.

The aperture is automatically determined and set within a split-second (40 milliseconds at EV1, to be exact) before the shutter is released, thereby eliminating any possibility of error due to a sudden change of lighting conditions.

1/30 sec.


1/500 sec.




## 3 Exceptional Versatility Plus Incomparable Handling Ease

**Incredibly Lightweight, Compact Body**

The AE-1 features an extremely well-balanced, lightweight body with all controls perfectly located at fingertip command. The camera is designed so that you can devote your complete attention to creative photography; with all controls and information display located in the most convenient places. And since its weight has been kept down to only 590g (body only), the AE-1 is extremely easy to hold and carry.

**Quick, 120° Short-throw Film Advance Lever**

The film advance lever of the Canon AE-1 smoothly winds the film for the next shot with a quick, 120° throw — the shortest film advance available ever with an AE SLR. In action photography, this can be of tremendous advantage, allowing you to rapidly advance the film in a barrage of rapid-fire shooting.

Moreover, the AE-1's film advance lever has 30° stand-off angle which keeps it always ready for the photographer's reflexive responses to subjects in action.

**Convenient Finger Grip Bar for Better Stability**

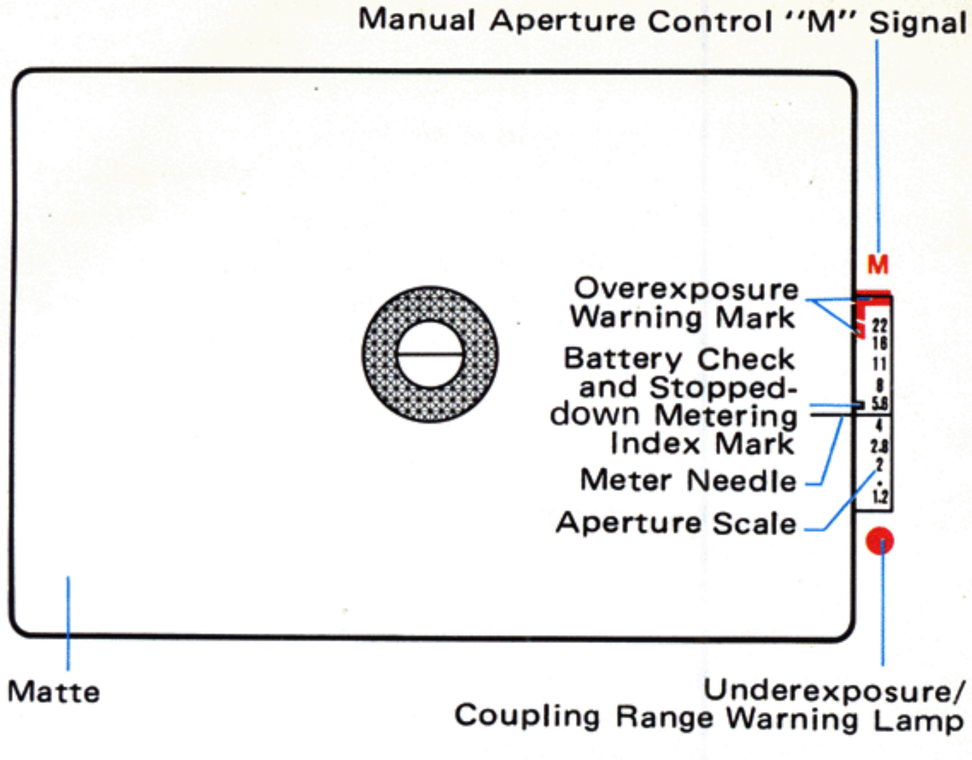
The battery chamber cover has a raised contour which serves as a firm, handy grip. This enables both better stability for slow shutter-speed exposures and excellent security in action situations.

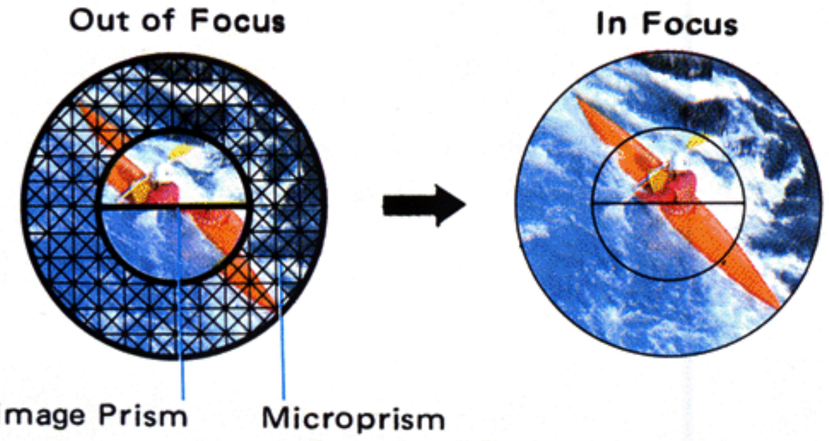

**Easy-to-read Viewfinder Information**

The AE-1's viewfinder has a split-image/microprism focusing screen with all pertinent information neatly arranged to the right of the visual field in order to enable an immediate assessment of shooting conditions at a glance. The information display consists of a calibrated aperture scale with stopped-down metering index mark and exposure meter needle to indicate the AE aperture setting and two CPU-controlled LEDs that flash to give the photographer clearly visible warnings.

When the aperture value computed by the CPU is larger than the full aperture f/stop of the lens in use or when it is out of the meter coupling range, the "●" LED below the aperture scale flashes to indicate that correct exposure cannot be obtained with the given shutter speed. When the aperture ring of an FD lens is set for manual aperture setting, the "M" LED located above the aperture scale flashes.

With the AE-1's unique information display, you always know everything about every shot right away, without ever removing your eye from the viewfinder.




**Automatic Exposure Preview with the Shutter Release Button**

The shutter release button of the AE-1 enables you to preview the correct AE aperture setting before shooting. It instantaneously advises you of the exposure setting computed by the CPU. You can therefore assess exposure conditions in less than a second and quickly make any shutter speed adjustments you wish. With full depression of the shutter release button, you have exactly the shot you want.

**New, Unique Electronic Self-timer**

The conventional mechanical SLR self-timer mechanism has been replaced in the AE-1 by solid state circuitry that offers greater reliability, compactness and smoother noiseless operation. It employs a timer circuit incorporated into the CPU which releases the shutter 10 seconds after the self-timer lever has been set and the shutter release button has been pressed. A red LED behind the lever flashes to indicate its operation. You can release the shutter prematurely, should the moment so require or you can cancel its operation with the battery check button.

**New Film Frame Counter**

The film frame counter counts every consecutive frame and automatically resets itself when the back cover is opened. After film is rewound into the cartridge, you may safely leave the film leader exposed and, if you do your own developing, directly wind the film onto a developing tank reel without needing to pry open the cartridge.

## 4 Power Winders A and A2 for Continuous shooting, Electronically

For many photographers, the whole object of taking pictures is to capture the decisive moment — the one exact moment in which all elements in the scene come together to tell the whole story. When it comes to very rapidly moving subjects, even the most skilled pros often must attribute success at capturing the climactic moment to a power winder.


Canon AE-1 with Power Winder A

For the AE-1, there is the Canon Power Winder A, made especially for it. It automatically advances the film and readies the camera for the next shot either one frame at a time at any shutter speed or at about two frames per second at shutter speeds from 1/60 to 1/1000 second.

This compact accessory attaches to the AE-1 in seconds and, since it ties into the camera's electronics, automatic exposure is still yours to enjoy. It's efficient too. Only four new penlight batteries are needed to advance about twenty 36-frame rolls of film automatically. It even features an automatic cut-off circuit and warning at the end of the film, so you can keep your mind on your subject and not on technicalities.

The Power Winder A2 gives the AE-1 a second automatic winder option. Like the A, the A2 advances the film at approximately two frames per second and also has two power sources available. Power is provided by four normal alkaline or carbon-zinc penlight batteries or rechargeable Ni-Cd batteries for longer life in cold weather. The Power Winder A and A2 — two easy replacements for your thumb.


Action Case A

## Specifications (Power Winder A)

**Winding Speed:** About 0.5 second.
**Operations:** Activated by the shutter release button of the camera.
**Shutter Speed Coupling Range:** 1/60 to 1/1000 second for continuous photography. "B" to 1/1000 second for single frame photography. (However, "B" setting is not coupled for AE photography).
**Frame Counting:** By the frame counter of the camera.
**Automatic Cut Off Circuit:** At the time of completion of a roll of film or when battery power is insufficient, the Power Winder A automatically stops and its LED glows.
**Mounting:** Attached via the tripod socket after the winder coupler cover has been removed.
**Power Source:** Four penlight batteries (size AA); good for more than 20 rolls of 36-exposure film under normal temperatures.
**Size:** 141x42x34mm (5-9/16"x1-5/8"x 1-5/16")
**Weight:** 300g (10-9/16 ozs.) (including batteries)
**Accessory:** Action Case A (sold separately)

Subject to change without notice.

# 5 Flashes to Meet Your Every Need


Canon AE-1
with Speedlite 177A

Perfect flash exposure is assured everytime with the AE-1 and automatic Speedlites 177A, 199A, 188A, 155A, 133A, 533G, 577G and Macrolite ML-1-even in macrophotography.

The 177A has two auto apertures, automatically sets the lens to your chosen aperture and, like all Speedlites, sets the aperture to 1/60 sec. The 199A has three auto apertures, a head that tilts for bounce flash and an optional wide adapter for 24mm lenses. The 188A has two auto apertures and, like the 177A, an optional wide adapter for covering 28mm lenses. Then there is the 155A with two auto apertures and the 133A with one auto aperture and an ASA 80-100/400 changeover switch. Attached with a convenient quick-release bracket, the 533G and 577G feature tiltable heads for bounce flash and a separate sensor on the hot shoe. Wide adapters cover 20mm lenses. The Macrolite ML-1 is ideal for medical/dental photography. It has three auto apertures, heads that rotate on the optical axis and a wide adapter for softening highlights. Either flash head can be shut off.



## Specifications

### SPEEDLITE 199A
**Guide Number:** 30 (ASA 100, m), 50 (ASA 25, ft.)
**Min. Usable Lens Focal Length:** 35mm; 24mm with Adapter
**Auto Apertures (Differ with ASA):** f/2.8, f/5.6 and f/11 for ASA 100
**Auto Shooting Range:** 0.5-10.6m (2-35 ft.) depending on auto aperture. Less with Adapter
**Flash Duration:** 1/500-1/50000 sec.
**Bounce:** Up to 90° upward, with indents at 60° and 75°
**Size:** 79(W) x 83(H) x 116(H)mm (3-1/8" x 3-1/4" x 4-9/16")
**Weight:** 490g (1 lb. 1-5/16 ozs.) including batteries.

### SPEEDLITE 188A
**Guide Number:** 25 (ASA 100, m), 41 (ASA 25, ft.)
**Min. Usable Lens Focal Length:** 35mm; 28mm with Adapter.
**Auto Apertures (Differ with ASA):** f/2.8 and f/5.6 for ASA 100
**Auto Shooting Range:** 0.5-9m (2-29 ft.) depending on auto apertures. Less with Adapter.
**Flash Duration:** 1/700-1/50000 sec.
**Size:** 68(W) x 52(D) x 103(H)mm (2-11/16" x 2-1/16" x 4-1/16")
**Weight:** 290g (10-1/4 ozs.) including batteries.

### SPEEDLITE 177A
**Guide Number:** 25 (ASA 100, m), 41 (ASA 25, ft.)
**Min. Usable Lens Focal Length:** 35mm; 28mm with Adapter.
**Auto Apertures (Differ with ASA):** f/2.8 and f/5.6 for ASA 100
**Auto Shooting Range:** 0.5-9m (2-29 ft.) depending on auto aperture. Less with Adapter.
**Flash Duration:** 1/600-1/50000 sec.
**Size:** 72(W) x 58(D) x 107(H)mm (2-13/16" x 2-5/16" x 4-3/16")
**Weight:** 310g (10-15/16 ozs.) including batteries.

### SPEEDLITE 155A
**Guide Number:** 17 (ASA 100, m), 28 (ASA 25, ft.)
**Min. Usable Lens Focal Length:** 35mm
**Auto Apertures (Differ with ASA):** f/2.8 and f/5.6 for ASA 100
**Auto Shooting Range:** 0.5-6m (2-20ft.) depending on auto aperture.
**Flash Duration:** 1/1000-1/50000 sec.
**Size:** 70(W) x 51(D) x 105(H)mm (2-3/4" x 2" x 4-1/8")
**Weight:** 300g (10-9/16 ozs.) including batteries.

### SPEEDLITE 133A
**Guide Number:** 16 (ASA 100, m), (ASA 25, ft.)
**Min. Usable Lens Focal Length:** 35mm
**Auto Aperture (Differs with ASA):** f/4 for ASA 80, 100 and 400
**Auto Shooting Range:** 0.5 - 8m (2-26ft.) depending on ASA
**Flash Duration:** 1/700-1/100000 sec.
**Size:** 62(W) x 37(D) x 95(H)mm (2-7/16" x 1-7/16" x 3-3/4")
**Weight:** 200g (7-1/16 ozs.) including batteries.

**SPEEDLITE 577G**
**Guide Number:** 48 (ASA 100, m) or 80 (ASA 25, ft.)
**Recycling Time (on automatic):** 0.2-18 sec. with alkaline-manganese batteries. 0.2-18 sec. with Ni-Cd batteries.
**Number of Flashes (on automatic):** 100-1,000 with alkaline-manganese batteries and 75-750 with Ni-Cd batteries allowing 30 sec. between each firing.
**Flash Duration:** 1/400-1/50,000 sec.
**Auto Apertures:** f/2.8, f/5.6 and f/11 at ASA 100.
**Auto Coupling Ranges:** 2.5-17m at red "A" (f/2.8, ASA 100) without Adaptor. At green "A", 1.5-8.5m and at yellow "A", 1-4.3m without Adaptor.
**Flash Coverage:** For 35mm format, covers an angle of view of 35mm lens. With Wide Adaptor, adequate coverage for 20mm lens. With Tele Adapter, covers 100mm lens.
**Bounce:** Maximum upward tilt of 120° with detents at 0°, 60°, 75°, 90°, and 120°. 120° shift to both left and right with detents at 0°, 60°, 75°, 90°, 105° and 120°.
**Power Source:** 6 C-size alkaline-manganese batteries or Ni-Cd Pack TP in the Transistor Pack G.
**Size:** 99(W) x 107(D) x 245(H)mm (2-7/8" x 4-1/4" x 9-5/8")
**Weight:** 600g (21-3/16 ozs.) without batteries.

**SPEEDLITE 533G**
**Guide Number:** 36 (ASA 100, m) or 60 (ASA 25 ft.)
**Recycling Time:** 0.2-10 sec. with alkaline-manganese batteries. 0.2-5.5 sec. with Ni-Cd batteries.
**Number of Flashes (on automatic):** 120-1,200 with alkaline-manganese batteries and 55-555 with Ni-Cd batteries allowing 30 sec. between each firing.
**Flash Duration:** 1/800-1/50,000 sec.
**Auto Apertures:** f/2.8, f/5.6 and f/11 at ASA 100.
**Auto Coupling Ranges:** 2.5-12.8m at red "A" (f/2.8, ASA 100) without Adaptor. At green "A", 1.5-6.4m and at yellow "A", 1-3.2m without Adaptor.
**Flash Coverage:** Adequate for 35mm lens on a 35mm format. With Wide Adaptor, adequate coverage for 20mm lens. With Tele Adaptor, covers 100mm lens.
**Bounce:** Maximum upward tilt of 120° with detents at 0°, 60°, 75°, 90°, and 120°. 120° shift to both left and right with detents at 0°, 60°, 75°, 90°, 105° and 120°.
**Power Source:** 4 AA-size alkaline-manganese or rechargeable Ni-Cd batteries or 6 C-size alkaline-manganese batteries or Ni-Cd Pack TP in the Transistor Pack G.
**Size:** 93(W) x 104(D) x 248(H)mm (3-11/16" x 4-1/8" x 9-3/4")
**Weight:** 655g (23-1/8 ozs.) without batteries.

Subject to change without notice.


Canon AE-1 with Macrolite ML-1

**MACROLITE ML-1**
**Guide Number:** 16 (m, ASA 100); 9.5 (m, ASA 100) with Wide Adapter.
**Flash Duration:** 1/500-1/50000 sec.
**Aperture Selection Switch:** Three auto apertures which differ with ASA; f/5.6, f/11 and f/22 for ASA 100 and MANU.
**Auto Shooting Range:** 0.6-2.8m (2-9.3ft.) depending on auto aperture. Less with Wide Adaptor.
**Dimensions and Weight:** Flash Unit; 131 (W) x 39.7 (D) x 99 (H)mm (5-3/16" x 1-9/16" x 3-7/8"), 170g (6 ozs.), Control Unit: 50 (W) x 59 (D) x 38.6 (H)mm (2" x 2-1/4" x 1-1/2"), 70g (2-7/16 ozs.), Battery Case; 77.4 (W) x 35.6 (D) x 162 (H)mm (3-1/16" x 1-7/16" x 6-3/8"), 560g (1 lb. 3-3/4 ozs.)

Subject to change without notice.

## 6 Classifying Photographs with the Data Back A

Canon has developed the Data Back A accessory in order to permit data imprinting on the film at the very moment the picture is taken. The Data Back A imprints dates—day, month and year, letters of the alphabet and Roman numerals, in the lower right hand corner of the picture.

Imprinting is perfectly synchronized with film exposure or it can also be performed manually if desired.

And there are three settings to choose according to the film in use. A red LED lamp indicates the moment of imprinting.


**Specifications**
**Attachment:** Replacement of the AE-1's back cover.
**Data Setting Dials:**
Right dial: 32 figures (0 to 31) and two blanks.
Central: 39 figures (0 to 31, A to G) and a blank.
Left dial: 39 figures (0 to 9, 80 to 91, "I" to "X", "a" to "g") and a blank.
**Data Imprinting:** Special synchronization cord connection. The built-in lamp imprints the necessary data on the film from the back. By pressing the manual button, the data can be also imprinted.
**Exposure Adjustment:** Three different positions to choose from according to the film type and its ASA sensitivity.
**Indicator Lamp:** An LED indicates data imprinting.
**Power Source:** One 6V silver oxide battery (Eveready or UCAR No.544 or Mallory PX28) or alkaline manganese battery (Eveready or UCAR No.537 or Mallory 7K34) which is good for more than 8,000 exposures.
**Size:** 100x48.5x14.5mm (3-15/16"x1-15/16"x9/16")
**Weight:** 160g (5-5/8 ozs.) (including battery)
**Accessories:** Special synchronization cord and case.

Subject to change without notice.

## 7 Making the Most of an AE-1

One of the best things about the AE-1 is the nearly fifty Canon lenses that go on it. If you were always to use the same lens, most of the AE-1's remarkable potential would go untapped. With a personal system of Canon lenses, you will get not only the most for your money but also the most fun out of an AE-1.

The right lens can make a certain picture possible, or easier, to take. It can bring a far object closer or make a close subject seem farther away or make it appear almost exactly as it does in reality. It can encompass the whole scene or only a very small part of it. With special lenses, it's even possible to make a round picture, magnify a small subject or manipulate perspective.

The AE-1's best friends are Canon's nearly forty FD lenses. Each FD lens brings out the very best in the AE-1 and each is designed to make owning it an experience of pure joy.

### Wide Angle Lenses

If a lens with a focal length of around 50 or 55mm is generally considered a normal lens because it results in a picture which looks closest to the scene you saw, any lens with a focal length below 50mm is a wide-angle lens. A wide-angle lens takes in more of a particular scene and makes objects within the scene smaller than does a normal lens from the same shooting distance. For sweeping landscapes and for fitting a large group of people in a picture indoors, this is the kind of lens to pull out of your grab bag. A good place to start looking for just the right one is with a 28mm lens, which is the most popular wide-angle focal length.

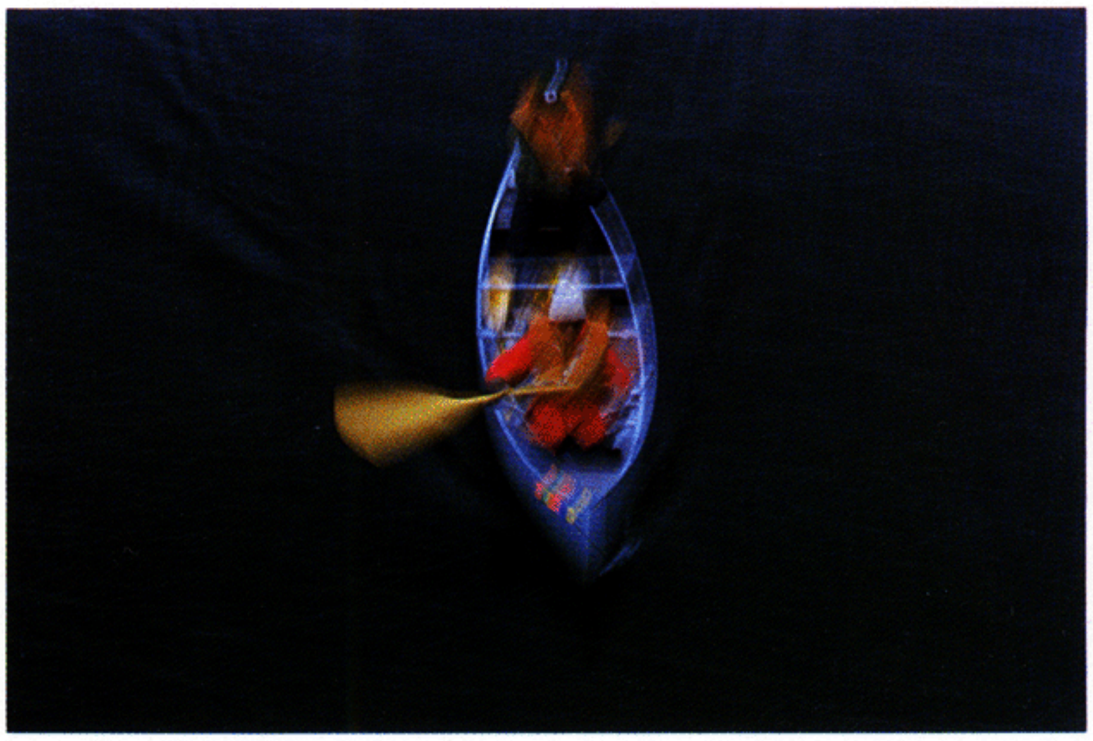
New FD 28mm f/2.8



### Telephoto Lenses

It's easier to take pictures of sports and animals with a telephoto lens. It's also much easier to grab shots of people without their noticing. That's because a telephoto lens, like a telescope, magnifies the subject, so whether by necessity or design, you can shoot a subject from quite a distance and still fill the picture with it. At the same time, you will automatically crop the picture because a telephoto lens takes in less of the scene than does a normal lens.

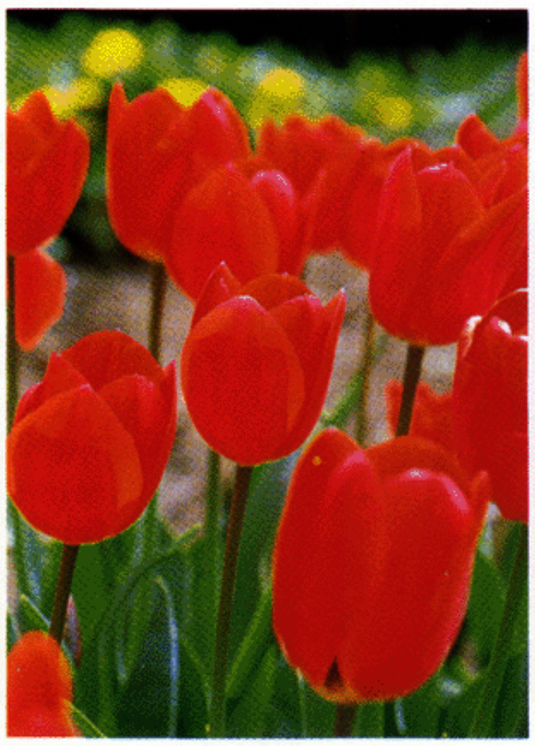
Telephoto lenses are those which have a focal length longer than 55mm. The longer the distance at which you usually shoot, the longer the focal length you need. The 135mm focal length is very popular for its convenience and suitability in a wide variety of typical situations.

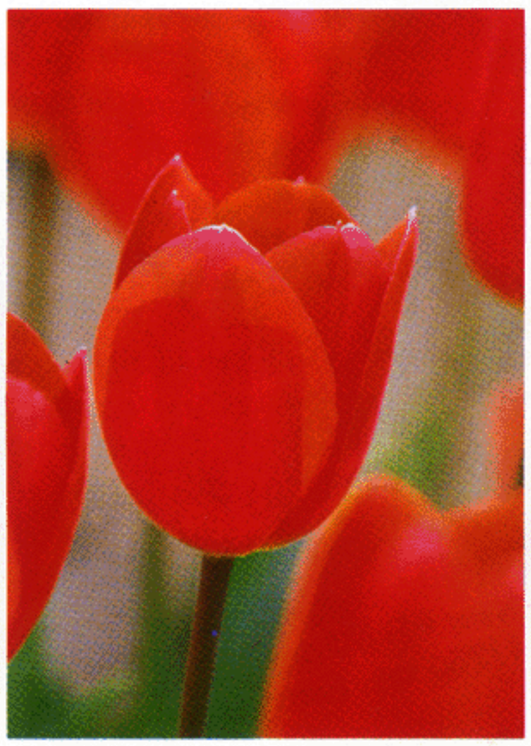


New FD 135mm f/3.5

### Zoom Lenses

Once you've focused, you can actually change the focal length of a zoom lens and still have your subject in focus. Turning a ring on the lens or pushing the lens in and out is all it takes to zero in on your subject from an overall view. Or the other way around. When you don't have time to move back and forth or to change lenses to compose your picture exactly the way you want it, only a zoom lens can do the trick. Be sure to check out the FD 100-200mm f/5.6 lens. Its compactness, easy handling and reasonable price make it a real winner.

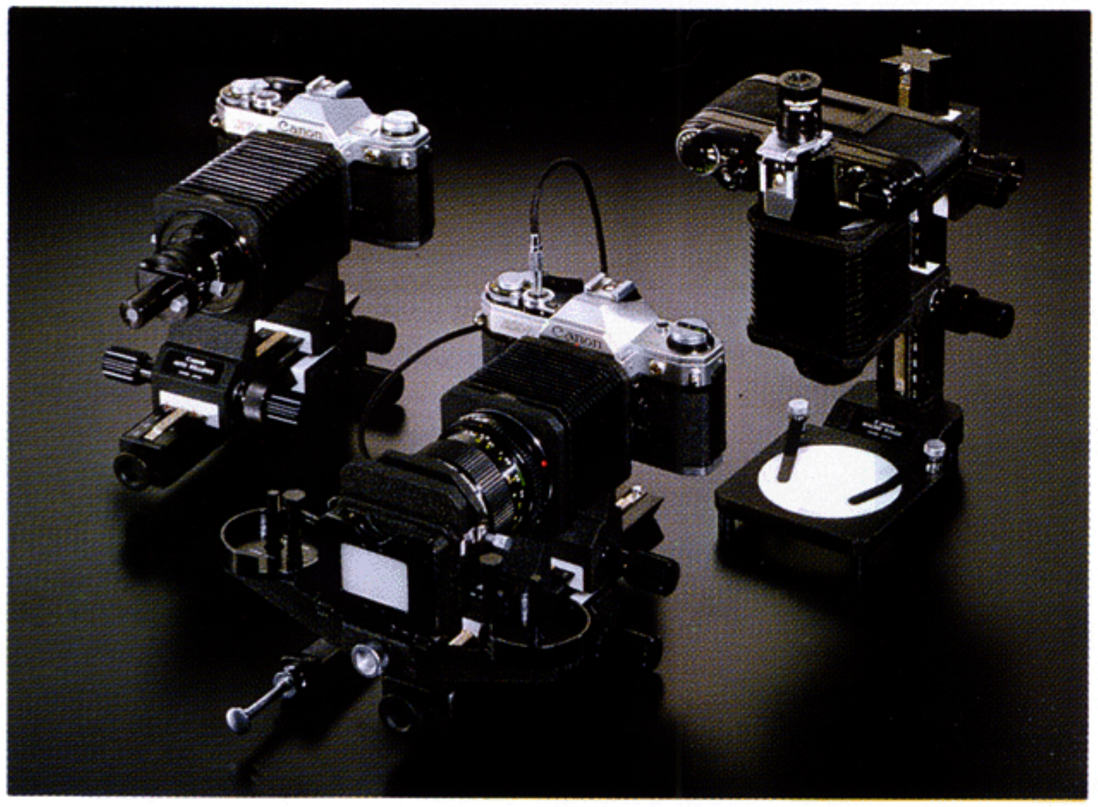




New FD 100-200mm f/5.6

## 8 The Exciting World of Close-up Photography

With the AE-1, you don't have to be content with taking a picture of a whole bed of flowers when what you really want is to fill the picture with just one or maybe even only a very small part of it. Close-up photography is a fascinating, unusually rewarding field, and it's yours with the AE-1 and the right Canon accessories. Canon just recently updated and expanded its close-up system to include about thirty ultra-modern, simple accessories. With them, it's possible to shoot a subject at anywhere from about one-tenth to many times its actual size. Up that close, flowers, insects, small art objects and even miniature tools, mechanical objects and electronic chips reveal stunning beauty and enchanting secrets. Discovering them is among the most pleasurable experiences you can have with the AE-1.



*New FD 50mm f/3.5 Macro, 1/250 sec. with AE, ASA 64*



## Specifications

**Type:** 35mm SLR (Single-lens Reflex) camera with electronically-controlled shutter priority AE (automatic exposure) and focal-plane shutter.
**Format:** 24 x 36mm.
**Usable Lenses:** Canon FD (for full-aperature AE) and Canon FL and special non-FD (for stopped-down metering) series lenses.
**Lens Mount:** Canon breech-lock mount.
**Viewfinder:** Fixed eye-level pentaprism. Gives 93.5% vertical and 96% horizontal coverage of actual picture area with 0.86X magnification at infinity with a standard lens. Information includes split-image/microprism rangefinder, aperture scale with meter needle, battery check/stopped-down metering index, overexposure and underexposure warnings and manual aperture signal.
**Mirror:** Instant-return, with shock-absorber.
**AE Mechanism:** Electronically-controlled, shutter priority AE metering system using two ICs and one LSI with $I^2L$.
**Light Metering System:** Through-the-lens, Central Emphasis Averaging Metering by SPC (Silicon Photo Cell).
**Meter Coupling Range:** EV1 (1 sec. at f/1.4) to EV18 (1/1000 sec. at f/16) with ASA 100 film and f/1.4 speed lens.
**Exposure Correction:** +1.5EV automatic correction with back-light control switch.
**Meter Switch:** Shutter button or exposure preview switch.
**Shutter:** Cloth, focal-plane, 4-spindle, electronically-controlled. With shock and noise absorbers.
**Shutter Speed Dial:** 2 sec.—1/1000 sec. and "B". X (flash) synchronization at 1/60 sec. With guard.
**ASA Film Speed Dial:** ASA 25 to ASA 3200.
**Shutter Release Button:** Two-step, electromagnetic shutter release button. Also serves as meter switch. With lock and cable release socket.
**Self-Timer:** Electronically-controlled. Ten-second delay with red LED signal. Cancellation possible.
**Stop-down Slide:** For depth-of-field preview (FD lens) or metering (non-FD lens or close-up accessories).
**Power Source:** One 6V silver oxide (Eveready [UCAR] No.544, JIS 4G13, Mallory PX 28) or alkaline-manganese (Eveready [UCAR] No.537) battery. Battery lasts about one year under normal use.
**Battery Check:** Meter needle/power level index method with battery check button.
**Flash Synchronization:** X synchronization at 1/60 sec.; M synchronization at 1/30 sec. or slower. Direct contact at accessory shoe for hot-shoe flash. PC socket (JIS-B type) with shock-preventive rim for cord-type flash. Accessory shoe has contact for normal automatic flash plus special contact for AE flash with dedicated Canon Speedlites.
**Back Cover:** Opened with rewind knob. Removable. With memo holder.
**Film Loading:** Via multi-slot take-up spool.
**Film Advance Lever:** Single-stroke 120° throw with 30° stand-off. Ratchet winding possible.
**Frame Counter:** Additive type. Automatically resets to "S" upon opening back cover. Counts backwards as film is rewound.
**Film Rewind:** With rewind button and crank.
**Dimensions:** 141mm x 87mm x 47.5mm (5-9/16" x 3-7/16" x 1-7/8"), body only.
**Weight:** 590 g (20-13/16 ozs.), body only.
760 g (26-13/16 ozs.) with FD 50mm f/1.8 lens.
825 g (29-1/8 ozs.) with FD 50mm f/1.4 lens.

Subject to change without notice.

# Canon AE-1 System

## 1. Lenses

1. New Fish-eye 7.5mm f/5.6
2. New Fish-eye FD 15mm f/2.8
3. New FD 17mm f/4
4. New FD 20mm f/2.8
5. New FD 24mm f/1.4 L
6. New FD 24mm f/2
7. New FD 24mm f/2.8
8. New FD 28mm f/2
9. New FD 28mm f/2.8
10. New FD 35mm f/2
11. New FD 35mm f/2.8
12. TS 35mm f/2.8 S.S.C.
13. New FD 50mm f/1.2 L
14. New FD 50mm f/1.2
15. New FD 50mm f/1.4
16. New FD 50mm f/1.8
17. New FD 50mm f/3.5 Macro w/Extension Tube FD 25-U
18. New FD 85mm f/1.2 L
19. New FD 85mm f/1.8
20. New FD 100mm f/2
21. New FD 100mm f/2.8
22. New FD 100mm f/4 Macro
23. w/Extension Tube FD 50-U New FD 135mm f/2
24. New FD 135mm f/2.8
25. New FD 135mm f/3.5
26. New FD 200mm f/2.8
27. New FD 200mm f/4
28. New FD 200mm f/4 Macro
29. New FD 300mm f/2.8 L
30. New FD 300mm f/4 L
31. New FD 300mm f/4
32. New FD 300mm f/5.6
33. New FD 24-35mm f/3.5 L
34. New FD 28-50mm f/3.5
35. New FD 35-70mm f/2.8-3.5
36. New FD 35-70mm f/4
37. New FD 35-70mm f/4 AF
38. New FD 35-105mm f/3.5
39. New FD 50-135mm f/3.5 *
40. New FD 70-150mm f/4.5
41. New FD 70-210mm f/4
42. New FD 80-200mm f/4
43. New FD 85-300mm f/4.5
44. New FD 100-200mm f/5.6
45. New FD 100-300mm f/5.6
46. New FD 400mm f/2.8 L *
47. FD 400mm f/4.5 S.S.C.
48. FD 500mm f/4.5 L
49. New Reflex 500mm f/8
50. New FD 600mm f/4.5
51. New FD 800mm f/5.6 L
52. FL 1200mm f/11 S.S.C.
53. Focusing Unit
54. Extender FD 2X-A
55. Extender FD 2X-B
56. Extender FD 1.4X-A

## 2. Flash Photography

1. Speedlite 133A
2. Speedlite 155A
3. Speedlite 177A
4. Speedlite 188A
5. Speedlite 199A
6. Macrolite ML-1
7. Sensor Unit G20
8. Sensor Unit G100
9. Speedlite 533G
10. Speedlite 577G
11. Transistor Pack G

## 3. Close-up, Photomacrography and Photomicrography

1. Close-up Lens 450, 240
2. New FD 50mm f/1.4
3. Extension Tubes FD 15-U 25-U, 50-U
4. Extension Tube M Set
5. Macro Auto Ring
6. Vari-extension Tube M15-25
7. Vari-extension Tube M 30-55
8. New FD 50mm f/3.5 Macro
9. Macro Hood
10. Macrophoto Adapter MA-52
11. Macrophoto Coupler FL-52
12. Lens Mount Converter A
13. Macrophoto Lens 35mm f/2.8
14. Macrophoto Lens Adapter
15. Macrophoto Lens 20mm f/3.5
16. Duplicator 16
17. Duplicator 8
18. Duplicator G
19. Bellows FL
20. Slide Duplicator Attachment
21. Slide Duplicator
22. Roll Film Stage
23. Duplicator 35
24. Attachment Ring
25. Auto Bellows
26. Macro Stage
27. Camera Holder F3
28. Focusing Rail
29. Copy Stand 4
30. Double Cable Release
31. Releases 30,50
32. Photomicro Unit F
33. Microphoto Hood
34. Extension Tube M5
35. F Ring 52mm
36. Handy Stand F
37. Magnifier
38. Angle Finder A2
39. Angle Finder B

## 4. Motorized Film Drive

1. Power Winder A
2. Power Winder A2

## 5. Data Imprintig System

1. Data back A

## 6. Underwater Photography

1. Marine Capsule A
2. Power Winder A

## 7. Cases

1. Semi-hard Case L
2. Semi-hard Case S
3. Semi-hard Case HA-2
4. Action Case A
5. Neck Strap 7
6. Lens Soft Case
7. Lens Hard Cases

*indicates that this product will be available in the near future.

# 1

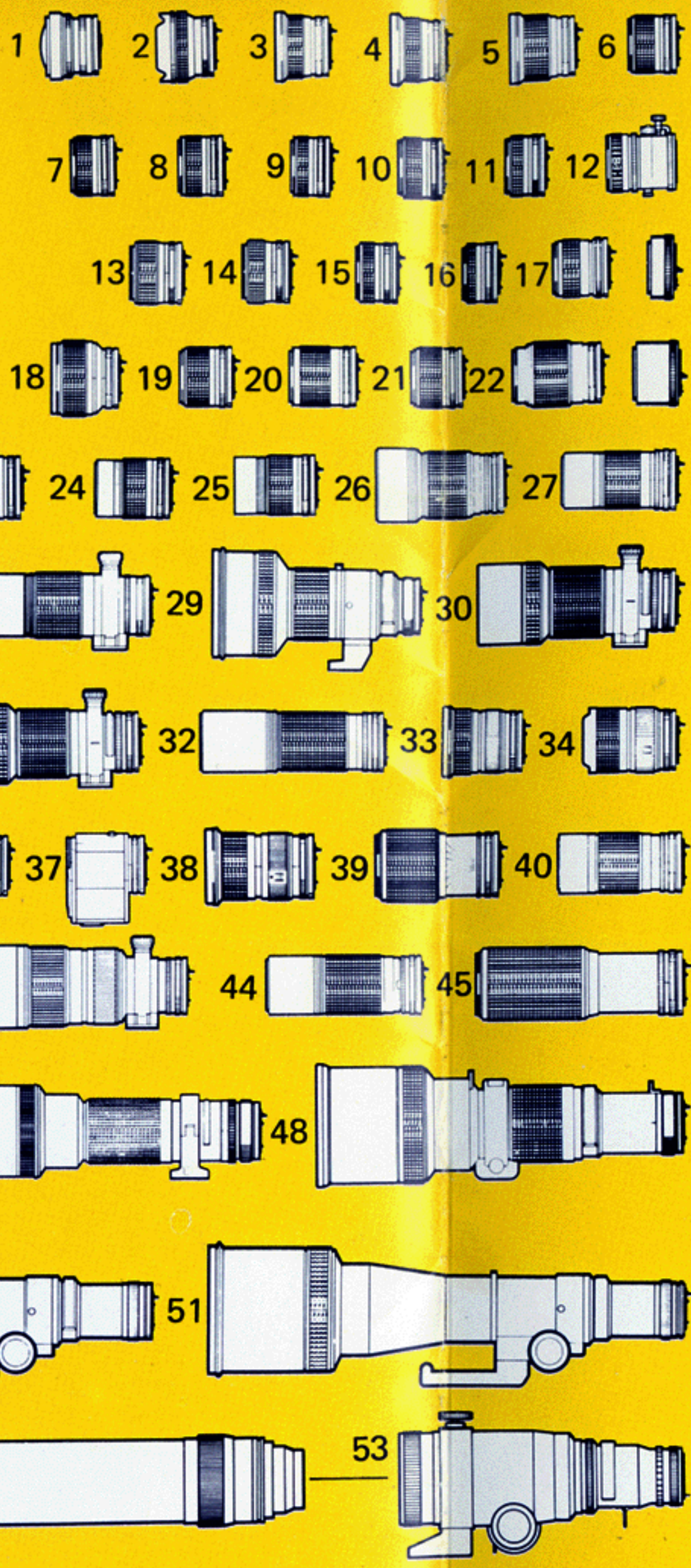
Gelatin Filter Holder

Filters

Lens Hoods

Lens Caps

Dust Caps

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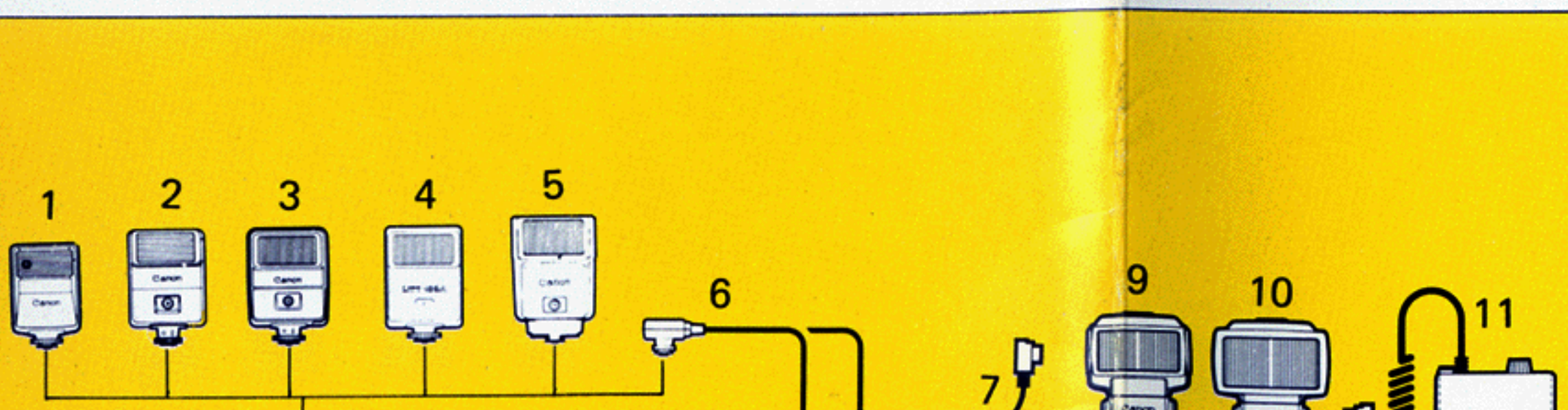


* This combination requires the use of the Double Cable Release for automatic diaghram coupling.

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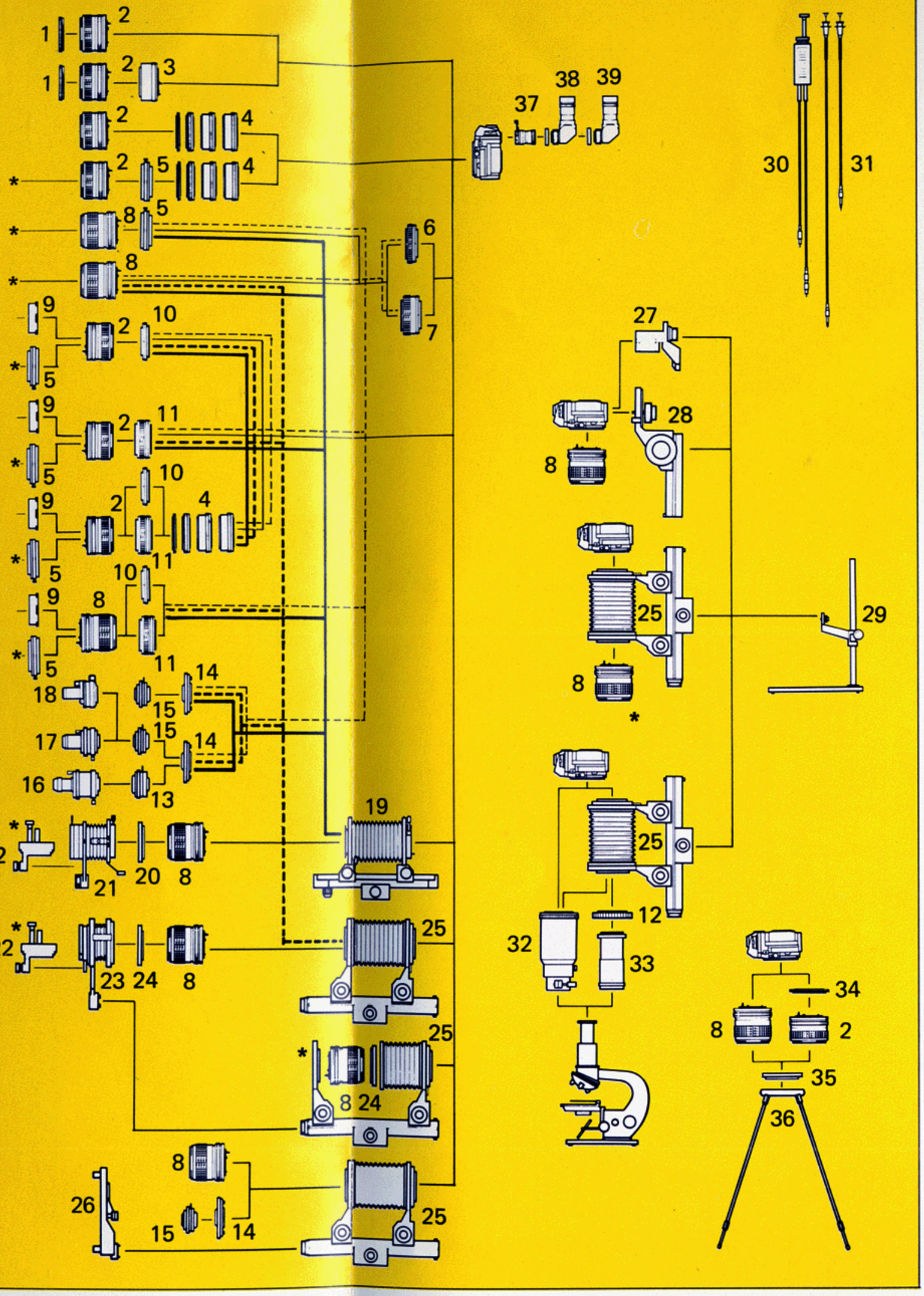
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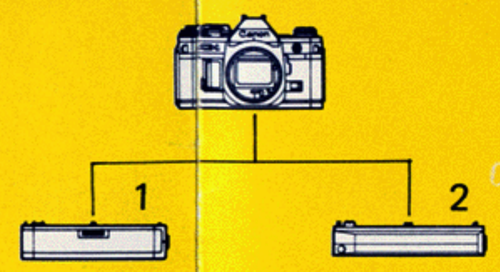
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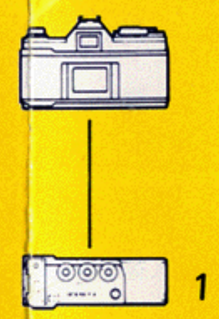
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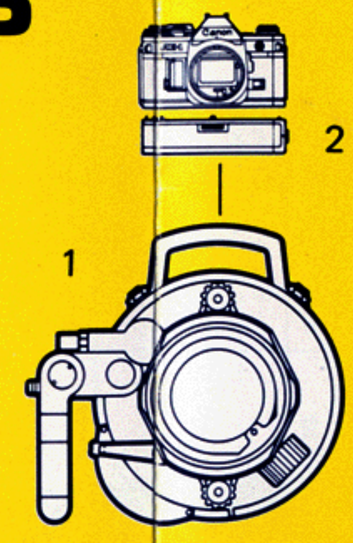
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Canon

| Type | Lens | Angle of View | Const-ruction | Minimum Aperture | Closest Focusing Distance | | Magnification at Closest Focusing Distance | Filter Size (mm) | Hood | Length | | Weight | | | Case | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (m) | (ft.) | | | | (mm) | (in.) | (gr) | (lbs.) | (ozs.) | Hard-case | Snap-case |
| Fish-eye | New Fish-eye 7.5 mm f/5.6 | 180° | 8–11 | 22 | – | – | – | Built-in | – | 62 | 2-7/16 | 365 | | 13 | LH-C10 | LS-B11 |
| | New Fish-eye FD 15mm f/2.8 | 180° | 9–10 | 22 | 0.2 | 0.7 | 0.14 | Built-in | Built-in | 60.5 | 2-3/8 | 460 | 1 | | LH-C10 | LS-B11 |
| Super Wide-Angle | New FD 17mm f/4 | 104° | 9–11 | 22 | 0.25 | 0.9 | 0.1 | 72 | BW-72 | 56 | 2-3/16 | 360 | | 13 | LH-C10 | LS-B11 |
| | New FD 20mm f/2.8 | 94° | 9–10 | 22 | 0.25 | 0.9 | 0.13 | 72 | BW-72 | 58 | 2-5/16 | 305 | | 11 | LH-C10 | LS-B11 |
| Wide-Angle | New FD 24mm f/1.4 L | 84° | 8–10 | 16 | 0.3 | 1 | 0.12 | 72 | BW-72 | 68 | 2-11/16 | 430 | | 15 | LH-C13 | LS-B11 |
| | New FD 24mm f/2 | 84° | 9–11 | 22 | 0.3 | 1 | 0.11 | 52 | BW-52C | 50.6 | 2 | 285 | | 10 | LH-B9 | LS-A9 |
| | New FD 24mm f/2.8 | 84° | 9–10 | 22 | 0.3 | 1 | 0.11 | 52 | BW-52C | 43 | 1-11/16 | 240 | | 8 | LH-B9 | LS-A9 |
| | New FD 28mm f/2 | 75° | 9–10 | 22 | 0.3 | 1 | 0.13 | 52 | BW-52B | 47.2 | 1-7/8 | 265 | | 9 | LH-B9 | LS-A9 |
| | New FD 28mm f/2.8 | 75° | 7–7 | 22 | 0.3 | 1 | 0.13 | 52 | BW-52B | 40 | 1-9/16 | 170 | | 6 | LH-B9 | LS-A9 |
| | New FD 35mm f/2 | 63° | 8–10 | 22 | 0.3 | 1 | 0.17 | 52 | BW-52A | 46 | 1-13/16 | 245 | | 9 | LH-B9 | LS-A9 |
| | New FD 35mm f/2.8 | 63° | 5–6 | 22 | 0.35 | 1.25 | 0.13 | 52 | BW-52A | 40 | 1-9/16 | 165 | | 6 | LH-B8 | LS-A9 |
| Standard | New FD 50mm f/1.2 L | 46° | 6–8 | 16 | 0.5 | 1.75 | 0.13 | 52 | BS-52 | 50.5 | 2 | 380 | | 13 | LH-B9 | LS-A9 |
| | New FD 50mm f/1.2 | 46° | 6–7 | 16 | 0.5 | 1.75 | 0.13 | 52 | BS-52 | 45.6 | 1-13/16 | 315 | | 11 | LH-B9 | LS-A9 |
| | New FD 50mm f/1.4 | 46° | 6–7 | 22 | 0.45 | 1.5 | 0.15 | 52 | BS-52 | 41 | 1-5/8 | 235 | | 8 | LH-B8 | LS-A9 |
| | New FD 50mm f/1.8 | 46° | 4–6 | 22 | 0.6 | 2 | 0.1 | 52 | BS-52 | 35 | 1-3/8 | 170 | | 6 | LH-B8 | LS-A9 |
| Telphoto | New FD 85mm f/1.2 L | 28°30′ | 6–8 | 16 | 0.9 | 3 | 0.12 | 72 | BT-72 | 71 | 2-13/16 | 680 | 1 | 8 | LH-C13 | LS-B11 |
| | New FD 85mm f/1.8 | 28°30′ | 4–6 | 22 | 0.85 | 3 | 0.12 | 52 | BT-52 | 53.5 | 2-1/8 | 345 | | 12 | LH-C10 | LS-B11 |
| | New FD 100mm f/2 | 24° | 4–6 | 32 | 1 | 3.5 | 0.12 | 52 | BT-52 | 70 | 2-3/4 | 445 | 1 | | LH-B12 | LS-B11 |
| | New FD 100mm f/2.8 | 24° | 5–5 | 32 | 1 | 3.5 | 0.12 | 52 | BT-52 | 53.4 | 2-1/8 | 270 | | 9 | LH-C10 | LS-B11 |
| | New FD 135mm f/2 | 18° | 5–6 | 32 | 1.3 | 4.5 | 0.13 | 72 | Built-in | 90.4 | 3-9/16 | 670 | 1 | 8 | LH-C13 | LS-B13 |
| | New FD 135mm f/2.8 | 18° | 5–6 | 32 | 1.3 | 4.5 | 0.13 | 52 | Built-in | 78 | 3-1/16 | 395 | | 14 | LH-B12 | LS-B11 |
| | New FD 135mm f/3.5 | 18° | 4–4 | 32 | 1.3 | 4.5 | 0.13 | 52 | Built-in | 85 | 3-3/8 | 325 | | 11 | LH-B12 | LS-B13 |
| | New FD 200mm f/2.8 | 12° | 5–5 | 32 | 1.8 | 6 | 0.15 | 72 | Built-in | 140.5 | 5-1/2 | 700 | 1 | 9 | LH-C19 | LS-B21 |
| | New FD 200mm f/4 | 12° | 6–7 | 32 | 1.5 | 5 | 0.15 | 52 | Built-in | 121.5 | 4-13/16 | 440 | | 15 | LH-A17 | LS-A18 |
| | New FD 300mm f/2.8 L | 8°15′ | 7–9 | 32 | 3 | 10 | 0.11 | 48(drop-in type) | Built-in | 245 | 9-5/8 | 2,310 | 5 | 1 | Exlusive | – |
| | New FD 300mm f/4L | 8°15′ | 7–7 | 32 | 3 | 10 | 0.11 | 34(drop-in type) | Built-in | 207 | 8-1/8 | 1,100 | 2 | 7 | LH-D24 | – |
| | New FD 300mm f/4 | 8°15′ | 6–6 | 32 | 3 | 10 | 0.11 | 34(drop-in type) | Built-in | 204 | 8-1/16 | 945 | 2 | 1 | LH-D24 | – |
| | New FD 300mm f/5.6 | 8°15′ | 5–6 | 32 | 3 | 10 | 0.11 | 58 | Built-in | 198.5 | 8-3/16 | 635 | 1 | 6 | LH-B24 | LS-A24 |
| Super Telephoto | ○ New FD 400mm f/2.8 L | 6°10′ | 8–10 | 32 | 4 | 15 | 0.12 | 48(drop-in type) | Built-in | 348 | 13-11/16 | 5,350 | 11 | 13 | Exclusive | – |
| | FD 400mm f/4.5 S.S.C. | 6°10′ | 5–6 | 22 | 4 | 13 | 0.11 | 34(drop-in type) | Built-in | 282 | 11-1/8 | 1,300 | 2 | 14 | Exclusive | – |
| | FD 500mm f/4.5 L | 5° | 6–7 | 32 | 4 | 15 | 0.14 | 48(drop-in type) | Built-in | 395 | 15-9/16 | 2,650 | 5 | 13 | Exclusive | – |
| | New Reflex 500mm f/8 | 5° | 3–6 | – | 4 | 15 | 0.14 | 34(drop-in type) | Built-in | 146 | 5-3/4 | 705 | 1 | 9 | Exclusive | – |
| | New FD 600mm f/4.5 | 4°10′ | 5–6 | 32 | 8 | 27 | 0.08 | 48(drop-in type) | Built-in | 462 | 18-3/16 | 3,750 | 8 | 4 | Exclusive | – |
| | New FD 800mm f/5.6 L | 3°06 | 6–7 | 32 | 14 | 45 | 0.06 | 48(drop-in type) | Built-in | 577 | 22-11/16 | 4,230 | 9 | 5 | Exclusive | – |
| | FL 1200mm f/11 S.S.C. | 2°05′ | 5–7 | 64 | 40 | 130 | 0.04 | 48(drop-in type) | Built-in | 853 | 33-9/16 | 6,200 | 13 | 11 | Exclusive | – |
| Zoom | New FD 24-35mm f/3.5L | 84°–63° | 9–12 | 22 | 0.4 | 1.5 | 0.08–0.11 | 72 | BW-72 | 86.6 | 3-7/16 | 495 | 1 | 1 | LH-C13 | LS-B13 |
| | New FD 28-50mm f/3.5 | 75°–46° | 9–10 | 22 | 1 | 3.5 | 0.03–0.05 | 58 | W-69B | 99.5 | 3-15/16 | 470 | 1 | | LH-B15 | LS-B13 |
| | New FD 35-70mm f/2.8-3.5 | 63°–34° | 10–10 | 22 | 1 | 3.5 | 0.04–0.07 | 58 | W-69 | 120 | 4-3/4 | 545 | 1 | 3 | LH-B15 | LS-A18 |
| | New FD 35-70mm f/4 | 63°–34° | 8–8 | 22 | 0.5 | 2 | 0.08–0.15 | 52 | W-62 | 84.5 | 3-5/16 | 315 | | 11 | LH-B12 | LS-B11 |
| | New FD 35-105mm f/3.5 | 63°–23°20′ | 13–15 | 22 | 1.5 | 5 | 0.03–0.08 | 72 | BW-72B | 108.4 | 4-1/4 | 640 | 1 | 7 | LH-C16 | LS-B16 |
| | ○ New FD 50-135mm f/3.5 | 46°–18° | 12–16 | 32 | 1.5 | 5 | 0.04–0.11 | 58 | BS-58 | 125.4 | 4-15/16 | 720 | 1 | 9 | LH-C16 | LS-B16 |
| | New FD 70-150mm f/4.5 | 34°–16°20′ | 9–12 | 32 | 1.5 | 5 | 0.06–0.13 | 52 | Built-in | 132 | 5-3/16 | 530 | 1 | 3 | LH-A17 | LS-A18 |
| | New FD 70-210mm f/4 | 34°–11°45′ | 9–12 | 32 | 1.2 | 4 | 0.08–0.23 | 58 | BT-58 | 151 | 5-15/16 | 705 | 1 | 9 | LH-C19 | LS-B21 |
| | New FD 80-200mm f/4 | 30°–12° | 11–15 | 32 | 1 | 3.5 | 0.12–0.29 | 58 | Built-in | 161 | 6-5/16 | 765 | 1 | 11 | LH-B24 | LS-B21 |
| | New FD85-300mm f/4.5 | 28°30′–8°15′ | 11–15 | 32 | 2.5 | 8 | 0.04–0.15 | Series No.9 | Built-in | 246.8 | 9-11/16 | 1,690 | 3 | 12 | Exclusive | – |
| | New FD 100-200m f/5.6 | 24°–12° | 5–8 | 32 | 2.5 | 8 | 0.05–0.1 | 52 | Built-in | 167 | 6-9/16 | 610 | 1 | 5 | LH-B24 | LS-B21 |
| | New FD 100-300mm f/5.6 | 24°–8°15′ | 9–14 | 32 | 2 | 7 | 0.06–0.18 | 58 | BT-58 | 207 | 8-1/8 | 835 | 1 | 13 | LH-C24 | LS-B24 |
| Macro | New FD 50mm f/3.5 Macro | 46° | 4–6 | 32 | 23.2(cm) | 9.1(in.) | 0.5 | 52 | BW-52A | 57 | 2-1/4 | 235 | | 8 | LH-C10 | LS-B11 |
| | New FD 100mm f/4 Macro | 24° | 3–5 | 32 | 0.45 | 1.48 | 0.5 | 52 | BT-52 | 95 | 3-3/4 | 455 | 1 | | LH-B15 | LS-B13 |
| | New FD 200mm f/4 Macro | 12° | 6–9 | 32 | 0.58 | 1.9 | 1 | 58 | Built-in | 182.4 | 7-3/16 | 830 | 1 | 13 | LH-D24 | – |
| Autofocus | New FD 35-70mm f/4 AF | 63°–34° | 8–8 | 22 | 0.5 | 1.8 | 0.08–0.15 | 52 | – | 84.5 | 3-5/16 | 640 | 1 | 7 | Exclusive | – |
| Tilt and Shift | TS 35mm f/2.8 S.S.C. | 63° (Shift 79°) | 8–9 | 22 | 0.3 | 1 | 0.19 | 58 | BW-58 | 74.5 | 2-15/16 | 550 | 1 | 3 | Exclusive | – |
| Macrophoto | Macrophoto 20mm f/3.5 | – | 3–4 | 22 | – | – | – | – | – | 20 | 13/16 | 35 | | 1 | Exclusive | – |
| | Macrophoto 35mm f/2.8 | – | 4–6 | 22 | – | – | – | – | – | 22.5 | 7/8 | 60 | | 2 | Exclusive | – |

○ indicates that this lens will be available in the near future.

- All new FD lenses are coated and their inner surfaces anti-reflection treated for optimum light transmission and color balance and maximum elimination of ghost and flare.
- The "L" designation of certain lenses indicates that the lens concerned is specially constructed to give extra high performance. This designation replaces the "aspherical" and "fluorite" designations used formerly.
- Extender FD 2x-B is for any FD lens having a focal length less than 300mm, including all FD zoom lenses with a maximum focal length less than 300mm.
  Extenders FD 2x-A and FD 1.4x-A are for FD lenses which have a focal length of 300mm or longer; Extender 2x-A can be used with FD zoom lenses which have 300mm within their range.
  Exception: When using an Extender 2x with the New FD 300mm f/2.8L, the type B is recommended. If using the New FD 200mm Macro lens with an FD extender, it is recommended to use the FD 2x type A.
- Canon Extension Tubes FD 15-U, FD 25-U and FD 50-U can be used with any Canon FD lens having a focal length from 35mm to 200mm except for the FD 85mm f/1.2 L. The FD 15-U can also be used with FD 28mm lenses.
- These lenses which take a 52mm filter may also be fitted with a 55mm screw-in filter by placing a 52-55 Step-up Ring (optional) between the filter and lens.
- Lens length and weight do not include parts or accessories, such as cap, hood and tripod mount, which are not integral parts of the lens.

Subject to change without notice.

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