

# Canon

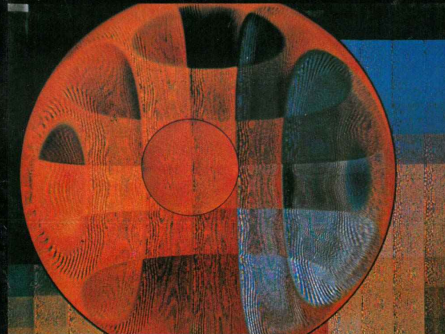
**CANON INC.** 11-28, Mita 3-chome, Minato-ku, Tokyo 108, Japan

**U.S.A.** — **CANON U.S.A., INC. HEAD OFFICE**  
10 Nevada Drive, Lake Success, Long Island, N.Y. 11040, U.S.A.  
**CANON U.S.A., INC. MANHATTAN OFFICE**  
600 Third Avenue, New York, N.Y. 10016, U.S.A.  
**CANON U.S.A., INC. ATLANTA SERVICE STATION**  
7000 Peachtree Industrial Blvd., Suite 200 Norcross, Georgia 30071, U.S.A.  
**CANON U.S.A., INC. CHICAGO OFFICE**  
140 Industrial Drive, Elmhurst, Illinois 60126, U.S.A.  
**CANON U.S.A., INC. LOS ANGELES OFFICE**  
123 Paulmarino Avenue East, Costa Mesa, California 92626, U.S.A.  
**CANON U.S.A., INC. LOS ANGELES SERVICE STATION**  
3407 West 6th Street, Los Angeles, California 90020, U.S.A.  
**CANON U.S.A., INC. SAN FRANCISCO SERVICE STATION**  
776 Market Street, San Francisco, California 94102, U.S.A.  
**CANON U.S.A., INC. HAWAII OFFICE**  
Bldg. B-2, 1050 Ala Moana Blvd., Honolulu, Hawaii 96814, U.S.A.  
**CANADA** — **CANON OPTICS & BUSINESS MACHINES CANADA, LTD.**  
**HEAD OFFICE**  
3245 American Drive, Mississauga, Ontario, L4V 1N4, Canada  
**CANON OPTICS & BUSINESS MACHINES CANADA, LTD.**  
**MONTREAL OFFICE**  
3070 Brabant-Marineau Street, St. Laurent, Quebec, H4S 1K7, Canada  
**CANON OPTICS & BUSINESS MACHINES CANADA, LTD.**  
**VANCOUVER OFFICE**  
5500A, No.2 Road, Richmond, B.C. V7C 4R9, Canada  
**EUROPE, AFRICA & MIDDLE EAST** — **CANON AMSTERDAM N.V.**  
Gebouw 70, Schiphol Oost, Holland  
**CENTRAL & SOUTH AMERICA** — **CANON LATIN AMERICA, INC. SALES DEPARTMENT**  
P.O. Box 7022, Panama 5, Rep. of Panama  
**CANON LATIN AMERICA, INC. REPAIR SERVICE CENTER**  
P.O. Box 2019, Colon Free Zone, Rep. of Panama  
**SOUTHEAST ASIA** — **CANON INC. HONG KONG BRANCH**  
5th Floor 2-B, Fui Yee Kok Street, Tuen Wan, New Territories, Hong Kong

PUB. NO. E5077t

0478N129

PRINTED IN JAPAN



# Canon

**PRODUCTS GUIDE**



In order to meet the requirements and desires of users from every conceivable standpoint, Canon has developed the most comprehensive line of photographic equipment. Whether you are a beginning amateur or a highly skilled professional, you will find in Canon's cameras and accessories the perfect answer to whatever you may be looking for.

From the world's most advanced research and production facilities, Canon products give you the ultimate in superior performance and quality results. This is why amateurs and professionals alike are using Canon cameras and Canon photographic equipment more and more all over the world.

Widen your photographic horizons with the wonderful variety and versatility of Canon's photographic products.

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A 35mm Camera of Incomparable Quality, the Single Lens Reflex Camera of the Future

The Canon F-1 is the central figure in a galaxy of more than ten thousand parts. Pertaining to it are the special accessories and high-performance FD lenses, which are perfectly interchangeable. The F-1 is capable of 100,000 exposures, and embodies the most advanced achievements of the camera world. Built-in TTL full aperture central area metering system, electronic motor drive photography, Servo EE and Booster photography, and special long-roll film capacity herald the brilliant future reserved for the F-1.

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

**Lens Mount:** Canon breech-lock FD mount. FL and R series of lenses are also mountable.

**Viewfinder:** Detachable pentagonal prism eye-level finder. Interchangeable with Servo EE Finder, Booster T Finder, Speed Finder, Waist-

# Canon F-1



Level Finder.

**Finder Attachments:** Angle Finder A2 and B, Magnifier R, Dioptic Adjustment Lenses for Eyesight Correction (10 kinds), Rubber Eye-piece Ring.

**Focusing Screens:** Using Fresnel lens. A standard split-image/micropism screen and eight other interchangeable types.

**Shutter:** Focal plane shutter using super thin titanium screen. Speeds from 1 to 1/2000 of a second and B. X contact at 1/60.

**Film Speed Scale:** ASA 25-3200.

**Multiple Exposures:** Possible by depressing the film rewind button before operating the winding lever. (The frame counter advances during multiple exposures.)

**Exposure Meter Coupling Range:** With ASA 100 film, EV2.5 (f/1.2 at 1/4 sec.)—EV18 (f/11 at 1/2000 sec.).

**Exposure Adjusting Mechanism:** Match-needle type TTL full aperture metering mechanism. Central area metering system. Stopped-down metering possible. Fixed dot type metering using the stop-down lever.

**TTL Full Aperture Metering System:** Servo EE Finder and Battery Case in combination. Full aperture metering with FD lens.

**Very Low Illumination Metering:** Metering possible between ASA 100 film EV 15 (f/22 at 1/60 sec.) and EV-3.5 (f/1.2 at 15 sec.) With use of exclusive Booster T Finder.

**Flash Socket:** On side of the body. Screw-in/plug-in type.

**Canon Auto Tuning (CAT) System:** Diaphragm control by recharge completion signal and rangefinder signal. Proper aperture is established by the match-needle system through the monnection of the Speedlite 133D, Flash Coupler L, Flash Auto Rings A<sup>2</sup>/B<sup>2</sup>.

**Back Cover:** Opens by pulling up the crank.

**Bottom Cover:** Motor Drive MF can be attached after removing bottom cover.

**Size:** 149.7(L) x 99.5(H) x 49.5(D)mm (5-3/4" x 3-15/16" x 1-15/16")

**Weight:** Body; 845g (1 lb. 13-13/16 ozs.)  
With f/1.4 Lens; 1,150g (2 lbs. 8-9/16 ozs.)

### Total Automatic SLR Camera with a Central Processing Unit

For the first time in the world, the AE-1 functions under the command of a Central Processing Unit (CPU) which coordinates the SLR system response to any shooting situation. Electronic controls and the replacement of many mechanical parts make the AE-1 extremely compact and lightweight design. Furthermore, completely automatically controlled operation has become a reality with the system accessories; the Speedlite 155A, Power Winder A, Data Back A.

Main Features: 1) The SLR with a CPU 2) True Shutter-Speed Priority AE 3) Exceptional Versatility Combined with Handling Ease 4) Electronics Command an Entire Photographic System 5) Classifying Photographs with the Data Back A 6) Making the Most of Canon FD Lenses 7) Accessories for All Kinds of Photographic Purpose

**Size:** 141(L) x 87(H) x 47.5(D)mm (5-9/10" x 3-7/16" x 1-7/8")

**Weight:** 590g (1 lb. 4-13/16 ozs.) body only.

## Canon AE-1



- Black Type AE-1 is also available.

### The System Camera with Extremely Compact Body

The Canon AT-1 is a new camera designed to give you the same reliability and ease of handling as the AE-1. It is remarkably lightweight and compact camera molded for a perfect fit on your hands even in the fastest action. The AT-1 is also the cornerstone of an entire system of precision accessories which expands its versatility to all kinds of photographic needs. The Power Winder A which can rapidly advance film automatically, the Speedlite 155A especially designed for automatic flash control, and the Data Back A for automatic classification of photograph.

Main Features: 1) Electronically controlled system SLR 2) Clear viewfinder for creativity 3) Match-needle TTL metering 4) An entire photographic system with the Power Winder A, Speedlite 155A and Data Back A 5) Accessories for all kinds of photographic purpose.

**Size:** 114(L) x 87(H) x 47.5(D)mm (5-9/16" x 3-7/16" x 1-7/8")

**Weight:** 590g (1 lb. 4-13/16 ozs.)

## Canon AT-1





### The Budget Priced F-1

The Canon TX offers the developing photographer a means within his reach to begin serious photography with an advanced SLR camera. Having the high quality of workmanship that all Canon cameras have, the TX also allows him to use the options provided by Canon's FD and FL series lenses, and well developed accessory line.

**Lens Mount:** Canon breech-lock type FD mount. FL and R series of lenses are mountable.

**Shutter:** Focal plane shutter with speed from 1/500 to 1 sec. and B.

**Exposure Meter:** Match-needle type. Central emphasis average metering system using CdS photocell.

**Size:** 144(L) x 93(H) x 43(D)mm (5-5/8" x 3-5/8" x 1-3/4")

**Weight:** 680g (1 lb. 8 ozs.) body only.

# Canon TX





## Special Lenses



**Canon Lens Fish-eye 7.5mm f/5.6 S.S.C.**

This is a real fish-eye lens of the equidistant projection type, with a picture plane diameter of 23mm and covers a picture angle of  $180^\circ$ . Of the retro-focus type, with 11 elements in 8 groups, it has six built-in filters. Field of view can be seen through the viewfinder without having to lock the mirror up.



**Canon Lens Fish-eye FD 15mm f/2.8 S.S.C.**

A fish-eye lens for ordinary photography, it covers diagonally an angle of  $180^\circ$ . Its f/2.8 speed ranks well above the fastest, and can also be used without lifting the mirror. It compensates every aberration perfectly throughout the  $180^\circ$ , and the multi-layer coating gives a sharp picture image. It has built-in filters easily set.



**Canon Lens TS 35mm f/2.8 S.S.C.**

This is a special type of lens that can provide both tilting and shifting simultaneously and its high performance comes to enhance the F-1 system's versatility. It compensates perspective by shifting and, at the same time, it extends the depth of field by tilting the lens. It covers an image circle of 58mm and it eliminates flare completely.

## Super Wide-Angle Lenses



**Canon Lens FD 17mm f/4 S.S.C.**  
This lens provides normal delineation without any distortion in spite of its unmatched super wide-angle in a focal length of 17mm. It also features the Canon Floating System, in which the space between lenses changes when focusing, preventing aberration even when shooting at close distance after protruding the lens barrel.



**Canon Lens FD 20mm f/2.8 S.S.C.**  
Despite its short focal length of only 20mm, it is a real super wide-angle lens of f/2.8, the fastest of its kind in the world. In order to obtain a sharp picture image from minimum subject distance to infinity, the Canon Floating System, with its special capacity for aberration compensation, is adopted.



**Canon Lens FD 24mm f/2.8 S.S.C.**  
This lens is very fast and is able to eliminate flares and distortion, so that pictures with clear contrast and high resolution can be obtained even with full aperture opening. The possibility of image collapse caused by aberration in shots at a close distance is completely eliminated with the Canon Floating System.



**Canon Lens FD 24mm f/1.4 S.S.C. ASPHERICAL**  
This is the world's fastest 24mm lens for a 35mm camera. By using Canon's technological breakthrough — mass produced aspherical surfaces — it assures maximum resolution and contrast through optimum correction of all aberrations and through the use of floating elements, assures constant aberration correction throughout the focusing range from infinity to a close 30cm.

## Wide-Angle Lenses



**Canon Lens FD 28mm f/2.8 S.C.**  
This is a reasonable priced wide-angle lens with considerable depth of field, making it perfect for candid photography. It has very high resolving power, contrast and brightness, and is compact and light-weight for easy handling. Good enlargements can be made even at high magnifications. Spectra Coating assures excellent color performance.



**Canon Lens FD 28mm f/2 S.S.C.**  
This lens has the world's fastest aperture of f/2 among the 28mm lenses. With the Canon Floating System, which prevents aberration in shots at a close distance, and the Super Spectra Coating, which eliminates ghosts and flares, the FD 28mm f/2 S.S.C. lens offers a high contrast and sharp picture image even with full aperture opening.



**Canon Lens FD 35mm f/3.5 S.C.**  
This is quite compact, easy-to-use, and wonderful for snapshots. With the adoption of new types of glasses, various aberrations can be completely eliminated, and pictures of marked contrasts and high resolution are obtained. This lens has a distance coupling pin to use with the Speedlite 133D and the CAT system of automatic flash control.



**Canon Lens FD 35mm f/2 S.S.C.**  
This is Canon's fastest wide-angle lens with a construction of 9 elements in 8 groups, and, it compensates aberrations perfectly to obtain a high contrast image even at full aperture. It can show its capabilities to the fullest even at close distances. This lens also has a distance coupling pin for the CAT system of automatic flash control.

## Standard Lenses



**Canon Lens FD 50mm f/1.8 S.C.**  
This lens has been added to the FD series as an advanced version of the optical system of the FL 50mm f/1.8 standard lens, most popular among the Canon lenses. It has already established its reputation for the excellence of its images. It is an all purpose lens providing stable delineation even during close-up photography. Equipped with a coupling pin to CAT System.



**Canon Lens FD 50mm f/1.4 S.S.C.**  
This lens has the optical system of the FL 50mm f/1.4 lens that enjoys a world-wide reputation of excellence as a standard lens. Its high resolution and delineation power are outstanding. Production of this kind of lenses is stable. This lens also has a distance coupling pin for the CAT system.



**Canon Lens FD 55mm f/1.2 S.S.C.**  
This lens is the fastest of the FD lenses, and despite a large aperture, its high delineation power and high resolution at full aperture shooting is highly reputed. Because of its fast lens speed of f/1.2, it provides high image quality especially in low light levels.



**Canon Lens FD 55mm f/1.2 S.S.C. ASPHERICAL**  
This is a large aperture standard lens in which aspherical lenses were applied. It is a perfect lens for delineation in photography at night with full aperture opening, in ordinary photography in daytime and at close distances as well. It eliminates flare to a negligible level, to give a picture image of fine contrast.

## Macro Lenses



**Canon Macro Lens FD 50mm f/3.5 S.S.C.**

Use this lens to capture the magic of the world in close-up—flowers, insects, or watchworks. Or you can copy pictures and diagrams from printed materials. With an extra-long helicoid and exceptional flatness of field, this special lens can focus from infinity down to 1:1 with the addition of the Extension Tube FD 25.



**Canon Lens FD 100mm f/4 S.C. Macro**

A new lens which can be adjusted for very close macro work or telephoto macrophotography. It can be focused for 45cm, an even closer 40cm with the Canon Extension Tube FD 50, or up to as far as infinity. With its high resolving power, and 1:1 to 2:1 magnification, this lens offers a great range of use.

## Telephoto Lenses



**Canon Lens FD 85mm f/1.8 S.S.C.**

Since 85mm lens photographs perspective naturally, it is used in taking portraits and for many other applications. Astigmatism and comatic aberration are perfectly corrected to produce excellent picture quality. It eliminates ghost and flare caused by surface reflection.



**Canon Lens FD 85mm f/1.2 S.S.C. ASPHERICAL**

This is the fastest 85mm lens on the market. It was especially designed to be an aspherical lens to eliminate flare, and provide resolution and high contrast. An aberration compensation mechanism is also incorporated in this mechanism to further enhance this short telephoto lens's quality.



**Canon Lens FD 100mm f/2.8 S.S.C.**

This is a large aperture telephoto lens with a fast speed of f/2.8. Its telephoto ratio is 1:0.93, and has an overall length of 57mm, or the same as standard lenses. It is one of the easiest lenses to shoot with, and has the added advantages of compactness and lightweight construction.



**Canon Lens FD 135mm f/3.5 S.C.**

This telephoto lens has superior effects and is very popular. In spite of its 135mm focal length, it is only 85mm long, and is, therefore, very compact and convenient. Its high resolving power provides clear images from the center to the corner areas, and is ideal for shooting sports events, portraits, and mountain scenes.

**Canon Lens FD 135mm f/2.5 S.C.**

This is the fastest of the FD telephoto lenses, but its telephoto ratio is designed to be 0.95.

Particularly, since the secondary spectrum of the chromatic aberration on the axis can be greatly reduced, it corrects flare perfectly. Equipped with built-in hood.

**Canon Lens FD 200mm f/4 S.S.C.**

This is the shortest telephoto lens with an f/4 speed. In spite of its 200mm focal length, it is only 133mm long. Chromatic aberration, particularly its secondary spectrum, have been optically solved, to obtain high contrast and stable image delineation throughout the entire focusing range.

**Canon Lens FD 200mm f/2.8 S.S.C.**

This compact, light-weight lens is designed especially for shooting news, sporting events and stage productions. It's high resolving power gives edge to edge sharpness and good definition over its entire focusing range. The closest focusing distance of 1.8m insures filling the frame with the subject. It is the ideal hand-holdable 200mm lens with the added brightness of f/2.8.



Canon Lens  
FD 135mm  
f/2.5 S.C.



Canon Lens  
FD 200mm  
f/4 S.C.



Canon Lens  
FD 200mm  
f/2.8 S.S.C.

**Canon Lens FD 300mm f/5.6 S.S.C.**

This lens is designed to be as compact and lightweight as possible without reducing its performance. Because it employs the rear-focusing system, focusing handling is very easy with the unchangeable overall length of the lens. Super Spectra Coating prevents flare or ghost images.

**Super Telephoto Lenses****Canon Lens 400mm f/4.5 S.S.C.**

Employing the latest technical breakthrough, a rear group focusing unit, this lens is the fastest 400mm super telephoto lens in the world. It also produces the best image delineation possible. Further, all this is built into a lightweight and compact design for your convenience.



Canon Lens  
FD 300mm  
f/5.6 S.S.C.

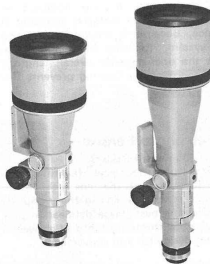


Canon Lens  
FD 400mm  
f/4.5 S.S.C.

**Canon Lens FD 600mm f/4.5 S.S.C.**  
**Canon Lens FD 800mm f/5.6 S.S.C.**

These super-telephoto lenses offer the most compact and lightweight design, the brightest aperture in their class, as well as excellent focusing potential.

Because the rear-focusing mechanism is employed as in the FD 400mm f/4.5 lens, even when focusing, the overall length of the lenses does not change. You will find that the operation of these lenses is easy and exceptionally good.



**Canon Lens  
FD 600mm  
f/4.5 S.S.C.**

**Canon Lens  
FD 800mm  
f/5.6 S.S.C.**

## Zoom Lenses

**Canon Zoom Lens FD 24-35mm f/3.5 S.S.C.**  
**ASPHERICAL**

This lens is the world first aspherical zoom lens which is effective to eliminate distortion. The two movable lens groups in zooming system make focusing handling smoothly. And with Canon Floating System, sharp images will be obtained throughout the entire range from close-up to infinity.

**Canon Zoom Lens FD 28-50mm f/3.5 S.S.C.**

This lens is the 1.78X short zoom lens offering the wide-angle function. The two-group system in the zoom lends this lens an exceptional focusing potential. Also the macro mechanism offers the closest distance of up to 25cm from the subject.

**Canon Zoom Lens FD 35-70mm f/2.8-3.5 S.S.C.**

This lens is for all-round photography from wide-angle to moderate telephoto. It is highly corrected for all aberrations and eliminates distortion and field curvature. Close-up photography down to 30cm (1 ft.) is also possible by using the built-in macro capability.



**Canon Zoom  
Lens FD 24-  
35mm f/3.5  
S.S.C.  
ASPHERICAL**

**Canon Zoom  
Lens FD 28-  
50mm f/3.5  
S.S.C.**

**Canon Zoom  
Lens FD 35-  
70mm f/2.8-  
3.5 S.S.C.**

**Canon Zoom Lens FD 80–200mm f/4 S.S.C.**

The brightest and most compact in size of this class of telephoto zoom lenses, this lens has more potential uses than any of the others. All of the aberration is eliminated by the unique zooming system. The high resolving power and high contrast are uniformly achieved over the entire range of the photographic distance.

Furthermore, due to the closest photographic distance of 1 meter, the capacity of telephoto lenses is increased.

**Canon Zoom Lens FD 100–200mm f/5.6 S.C.**

This is an all purpose lens applicable either for scenery shooting or snapshots. Designed to be small and lightweight, it has an optical compensation function. Magnification is done by extending the lens barrel.

**Canon Zoom Lens FD 85–300mm f/4.5 S.S.C.**

This is a telephoto zoom lens with an extraordinary range of focal lengths. It has a minimum focusing distance of 2.5 meters for tight shots. It also has a relatively large maximum aperture for a bright and clear image in the viewfinder.



Canon Zoom  
Lens FD 80–  
200mm f/4  
S.S.C.



Canon Zoom  
Lens FD  
100–200mm  
f/5.6 S.C.



Canon Zoom  
Lens FD 85–  
300mm f/4.5  
S.S.C.

**FLUORITE Lenses**

The optical systems of these two lenses, the FL 300mm f/5.6 FLUORITE, and the FL 500mm f/5.6 FLUORITE lenses include artificial fluorite single crystals, a lens material which completely eliminates secondary spectrum. Consequently they assure a high resolving power and excellent contrast. Additionally, the telephoto ratio of these lenses was markedly reduced to increase their portability and ease of operation.

The FD 300mm f/2.8 S.S.C. FLUORITE is an artificial fluorite lens which has been designed as an FD lens for more efficient operation effected by its reduced diameter. TTL metering is performed with the lens at maximum aperture. If used with the Extender 2X, the two can function as a 600mm f/5.6 lens which has high quality results.



Canon Lens FL  
300mm f/5.6  
FLUORITE



Canon Lens FL  
500mm f/5.6  
FLUORITE



Canon Lens FD  
300mm f/2.8 S.S.C.  
FLUORITE



## Super Telephoto FL Lenses

These Canon super-telephoto FL lenses from 400mm to 1200mm are extremely powerful in magnification and are best suited for photographing close-ups of wild-life and of small details in distant subjects.

These lenses are of the front convertible type. The rear components, automatic aperture diaphragm mechanism and focus adjusting device are built into the optional Canon Focusing Unit.



1

2



3



4

- 1 Canon Lens FL 400mm f/5.6
- 2 Canon Lens FL 600mm f/5.6
- 3 Canon Lens FL 800mm f/8
- 4 Canon Lens FL 1200mm f/11 S.S.C.

Focusing Unit

## FD SERIES (FOR FULL-APERTURE OR AE OPERATION)

Type	Lens	Angle of View	Minimum Aperture	Closest Focusing Distance (m) (ft.)		Filter Size (mm)	Hood	Length (mm) (in.)		Weight (g) (lbs.) (ozs.)		
Full-Frame Fish-Eye	Fish-Eye FD 15mm f/2.8 S.S.C.	180°	f/16	.3	1	Built-in	Built-in	60.5	2-3/8	485	1	1
Super Wide-Angle	FD 17mm f/4 S.S.C.	104°	f/22	.25	.9	72	—	58	2-3/16	450	1	
	FD 20mm f/2.8 S.S.C.	94°	f/22	.25	.9	72	—	58	2-5/16	345		12
	FD 24mm f/1.4 S.S.C. ASPHERICAL	84°	f/16	.3	1	72	—	68	2-11/16	500	1	2
	FD 24mm f/2.8 S.S.C.	84°	f/16	.3	1	55	+BW-55B	52.5	2-1/16	330		12
Wide-Angle	FD 28mm f/2 S.S.C.	75°	f/22	.3	1	55	+BW-55B	61	2-3/8	343		12
	FD 28mm f/2.8 S.C.	75°	f/22	.3	1	55	+BW-55B	49	1-15/16	230		8
	*FD 35mm f/2 S.S.C.	63°	f/22	.3	1	55	+BW-55A	60	2-3/8	345		12
	*FD 35mm f/3.5 S.C.	63°	f/22	.4	1.5	55	+BW-55A	49	1-15/16	236		8
Standard	*FD 50mm f/1.4 S.S.C.	46°	f/16	.45	1.5	55	+BS-55	49	1-15/16	305		11
	*FD 50mm f/1.8 S.C.	46°	f/16	.6	2	55	+BS-55	38.5	1-1/2	200		7
	FD 55mm f/1.2 S.S.C.	43°	f/16	.6	2	58	+BS-58	52.5	2-1/16	510	1	2
	FD 55mm f/1.2 S.S.C. ASPHERICAL	43°	f/16	.6	2	58	+BS-58	55	2-3/16	575	1	4
Macro	FD 50mm f/3.5 S.S.C. Macro with Extension Tube FD 25	46°	f/22	20.5 (cm)	8.1 (in.)	55	None Necessary	59.5	2-5/16	310		11
	FD 100mm f/4 S.C. Macro with Extension Tube FD 50	24°	f/32	.4	1.31	55	None Necessary	112	4-7/16	530	1	3
Short Telephoto	FD 85mm f/1.2 S.S.C. ASPHERICAL	28°30'	f/16	1	3.5	72	—	71	2-13/16	756	1	11
	FD 85mm f/1.8 S.S.C.	28°30'	f/16	.9	3	55	+BT-55	57	2-1/4	425		15
	FD 100mm f/2.8 S.S.C.	24°	f/22	1	3.5	55	+BT-55	57	2-1/4	360		13

Type	Lens	Angle of View	Minimum Aperture	Closest Focusing Distance		Filter Size (mm)	Hood	Length		Weight		
				(m)	(ft.)			(mm)	(in.)	(g)	(lbs.)	(ozs.)
Telephoto	FD 135mm f/2.5 S.S.C.	18°	f/22	1.5	5	58	Built-in	91	3-9/16	630	1	6
	FD 135mm f/3.5 S.S.C.	18°	f/22	1.5	5	55	+BT-55	85	3-3/8	385		14
	FD 200mm f/2.8 S.S.C.	12°	f/22	1.8	6	72	Built-in	140.5	5-9/16	700	1	9
	FD 200mm f/4 S.S.C.	12°	f/22	2.5	8	55	Built-in	133	5-1/4	675	1	8
	FD 300mm f/2.8 S.S.C. FLUORITE with Extender 2X	8°15'	f/22	3.5	12	Exclusive Insertion Type	Built-in	230	9-1/16	1,900	4	3
	FD 300mm f/5.6 S.S.C.	8°15'	f/22	3	10	55	Built-in	198.3	7-13/16	685	1	8
Super Telephoto	FD 400mm f/4.5 S.S.C.	6°10'	f/22	4	13	Exclusive Insertion Type	Built-in	282	11-1/8	1,300	2	14
	FD 600mm f/4.5 S.S.C.	4°10'	f/22	8	27	48	Built-in	455	1'5-15/16	4,300	9	8
	FD 800mm f/5.6 S.S.C.	3°08'	f/22	14	45	48	Built-in	567	1'10-5/16	4,300	9	8
Zoom	FD 24-35mm f/3.5 S.S.C. ASPHERICAL	84°-63°	f/22	4	1.5	72	W-75	86.3	3-3/8	515	1	2
	FD 28-50mm f/3.5 S.S.C.	75°-46°	f/22	+++ 1	3.5	58	W-69B	99.5	3-15/16	490	1	1
	FD 35-70mm f/2.8-3.5 S.S.C.	63°-34°	f/22	+++ 1	3.5	58	W-69	120	4-3/4	575	1	4
	FD 80-200mm f/4 S.S.C.	30°-42°	f/32	1	3.5	55	Built-in	161	6-5/16	750	1	10
	FD 100-200mm f/5.6 S.S.C.	24°-12°	f/22	2.5	8	55	Built-in	173	6-13/16	765	1	11
	FD 85-300mm f/4.5 S.S.C.	28°30'-8°15'	f/22	2.5	8	Series IX	Built-in	243.5	9-9/16	1,895	3	12

# FL AND MANUAL SERIES (FOR STOPPED-DOWN METERING)

Type	Lens	Angle of View	Minimum Aperture	Closest Focusing Distance		Filter Size (mm)	Hood	Length		Weight		
				(m)	(ft.)			(mm)	(in.)	(g)	(lbs.)	(ozs.)
Circular Fish-Eye	Fish-Eye 7.5mm f/5.6 S.S.C.	180°	f/22	Fixed Focus		Built-in	—	62	2-7/16	380		13
Tilt & Shift	TS 35mm f/2.8 S.S.C.	63°/79°	f/22	.3	1	58	+BW-58B	74.5	2-15/16	545	1	3
Super Telephoto	**FL 400mm f/5.6	6°10'	f/32	4.5	15	++48	Built-in	338	1' 1-5/16	3,890	8	9
	**FL 600mm f/5.6	4°10'	f/32	10	35	++48	Built-in	448	1' 5-5/8	5,000	11	
	**FL 800mm f/8	3°08'	f/32	18	60	++48	Built-in	508	1' 8	5,360	11	13
	**FL 1200mm f/11 S.S.C.	2°05'	f/64	40	130	++48	Built-in	853	2' 9-9/16	8,200	13	11
Artificial Fluorite Telephoto	FL 300mm f/5.6 FLUORITE	8°15'	f/22	4	13	58	Built-in	168	6-5/8	850	1	14
	FL 500mm f/5.6 FLUORITE	5°	f/22	10	33	90	Built-in	300	11-13/16	2,700	5	15

\* FD lens hoods are of bayonet mount.

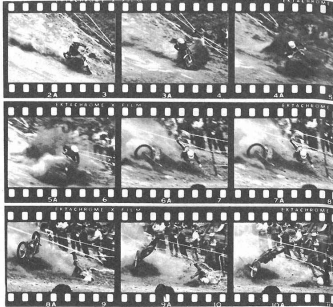
++ Filter is of insertion type with holder.

+++ Macro focusing capability.

\* Equipped with a coupling pin for Canon Automatic Tuning System.

\*\* Front component interchangeable type. Focusing adapter (2 elements, 1 group, F.L. automatic diaphragm, with A-M ring).

Subject to change without notice.



## ACCESSORIES FOR CANON F-1 Motor Drive MF

**Mobility Pursued with 3.5 Frames per Second**

This Motor Drive is perfectly coupled for use with the Film Chamber, Servo EE Finder and other accessories of the Canon F-1. It can also be used jointly with the recently developed Interval Timer L.

**Construction:** Motor Drive MF body, Grip MF.

**Mode of Operation:** S (single frame), or C (continuous), set by means of a switch.

**Photographing Speed:** Up to 3.5 frames per second.

**Power Source:** Ten penlight batteries. Loaded inside the grip.

**Photographing Capacity:** 80 rolls of 36-exposure film with manganese batteries.

**Remote Control:** Possible with Connecting Cord MF, Remote Switch 60 MF and Extension Cord E 1000.

**Size and Weight:**

Body: 153(L) x 51(H) x 23(D)mm (6" x 2" x 7/8") 650g. (1 lb. 6-15/16 ozs.)

With grip and batteries: 179(L) x 120(H) x 63(D)mm (7-1/16" x 4-3/4" x 2-1/2"); 720g. (1 lb. 9-3/8 ozs.)



## Film Chamber 250

### Photography with Long-Roll Film:

The Film Chamber 250 is attached to the F-1 in place of its back cover, and has a maximum film capacity of 250 frames. This will certainly expand the functions of continuous photography when used jointly with the Motor Drive. Its various safety mechanisms will ensure faultless operation. It is extremely useful for taking shots of sports events, recording scientific experiments and copying documents.

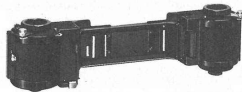
**Construction:** Film Chamber 250, two Film Magazines 250.

**Film Loading:** Double magazine method. A Film Loader 250 is used to load the film.

**Mode of Operation:** Film is set in motion by motor drive and simultaneous winding is activated by a micromotor.

**Coupling with Motor Drive:** Cordless 3-way plug connector. Equipped with a back cover safety device.

**Size and Weight:** 333(L) x 63(H) x 100(D)mm (1-5/16" x 2-1/2" x 3-15/16"); 1,170g. (2 lbs. 9-1/4 ozs.)



## Servo EE Finder

### AE full Aperture Metering

The Servo EE Finder is a type of viewfinder furnished with an electronic device in order to set the proper f/stop by the operation of a servo motor coupled to the full aperture metering mechanism of the F-1. Its power source is enclosed in the Battery Case. The use of this remarkable viewfinder enables automatic exposure (AE) unmanned continuous photography when used jointly with the Motor Drive MF.

**Construction:** Servo EE Finder, Cord 12V 2E, EE Coupling Arm, Dust Cover for the viewfinder.

**AE Operating Method:** Shutter-speed priority AE method by servo motor control.

**Coupling Range:** ASA 100 EV2.5 (f/1.2 1/4 second)—EV18 (f/11 1/2000 second).

**Viewfinder:** Pentaprism type with AE information.

**Power Source:** Eight penlight batteries.

**Cord Used:** Cord 12V 2E.

**Size and Weight:** 75(L) x 65(H) x 68(D)mm (2-15/16" x 2-9/16" x 2-11/16"); 417g. (14-11/16 ozs.)



## Booster T Finder

**Metering Device with Electronic Timer for Extremely Dim Light Conditions.**

Useful for photographing subjects under insufficient lighting. It can meter down to EV-3.5. Its electronic timer operates in such manner that it makes possible long timed exposures of more than three seconds. The Booster meters the low speed side, and the high speed side is metered by the camera.

**Construction:** Booster T Finder, Cord 6V 2B, silver oxide battery No. 544, Dust Cover for the viewfinder.

**Metering Range:** Booster side ASA 100 EV10 (f/22 1/2 second)-EV-3.5 (f/1.2 15 seconds).

**Switching of Meter:** By means of shutter dial and finder shutter.

**Film Speed:** ASA 25-12,800

**Shutter Speed:** 60-3 seconds; 1 second-1/60.

**Timer:** 3-60 seconds continuous.

**Others:** No. 544 silver oxide battery used. It can be connected to an outside power source enclosed in the battery case.

**Size and Weight:** 87(L) x 52(H) x 69(D)mm (3-7/16" x 2-1/16" x 2-11/16"); 350g. (12-3/8 ozs.)



## Data Back System

**Organization at Your Fingertips with Data Back**

Canon's latest addition to the F-1 camera system, the Data Back, is a convenient method of organizing multiple exposures. As it imprints six or twelve digits on each exposure, its applications are obviously almost limitless in the commercial, industrial and scientific fields for dating, serializing, indexing or encoding photos.

**Construction:** F-1 Body, Data Back and Data Controller.

**Data Back:** Exclusive for F-1, 12 pieces of Light Emitting Diode, and synchronization cord for simultaneous imprinting of the data on the photos.

**Power Source:** DC 6V (4 penlight dry batteries, size AA) or Canon AC Adaptor AD-1.

**Size and Weight:** Data Back: 48.5(W) x 90(L) x 17.2(D)mm (1-15/16" x 3-9/16" x 11/16"), 180g (6-3/8 ozs.). Controller; 190(L) x 63(H) x 240(D)mm (7-1/2" x 2-1/2" x 9-7/16"), 1,560g (3 lbs. 7 ozs.)



## F-1 VIEWFINDER SYSTEM

**1.2. Angle Finder A2 and B:** These viewfinders fit the camera's eyepiece for waist-level viewing. This is a real advantage in microphotography or copy work. The high quality Angle Finder B uses a prism to make the image look upright. The Angle Finder A2 is more simplified, and the image will look as in a mirror.

**3. Booster T Finder**

**4. Servo EE Finder**

**5. EE Coupler**

**6. Cord 6V 2B:** Its function is to connect the Booster T Finder with the Battery Case. It is mainly used when the Battery Case functions as an external power source at a low temperature.

**7. Cord 12V 2E:** A cord to connect the Servo EE Finder with the Battery Case or with

the Battery Connector MD.

**8. Speed Finder:** Just by turning its head, the level can be altered from waist to eye, or vice versa. It was carefully designed with the eyepoint 60mm behind the viewfinder so that the entire frame, including meter information, can be seen clearly. This makes it most suitable for sports.

**9. Waist Level Finder:** This is an interchangeable viewfinder with a 5X magnifier for low angle and waist level viewing.

**10. Eye-Level Finder**

**11. Focusing Screens (A,B,C,D, E,F,G,H, and I):** There are nine types of screens, A) Microprism, B) Split-Image, C) All Mat, D) Mat/Section, E) Split-Image/Microprism, F) Microprism/Large Aperture Lenses, G) Microprism/Small Aperture Lenses H) Mat/Scale, and I) Double Cross-Hair Reticule.

**12. Dioptic Adjustment Lenses:**

−4, −3, −2, −0.5, 0, +0.5, +1, +1.5, +2 and +3 are interchangeable with the standard eyepiece ring.

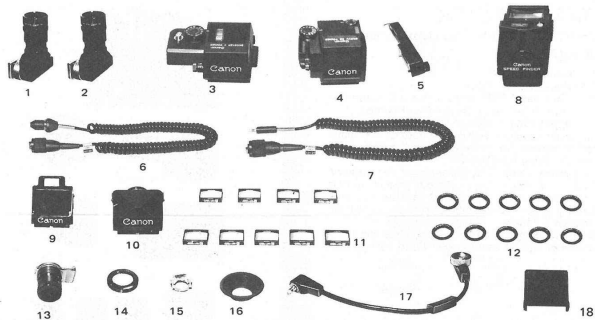
**13. Magnifier R:** This accessory can be screwed into the eyepiece by means of an eyepiece ring or a dioptic adjustment lens. It can be raised over the 2.5X magnifier.

**14. 15. Magnifier Adapter R and S:** The function of this adapter is to change the Magnifier R to S, and vice versa.

**16. Eyecup 3R:** This eyepiece hood can be used both by persons with normal sight and by persons wearing glasses.

**17. Connecting Cord for Servo EE Finder**

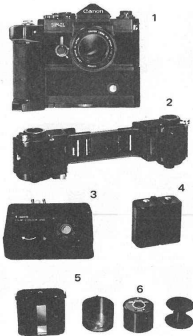
**18. Dust Cover for Finder:** Its function is to protect the prism surface.



## OTHER F-1 ACCESSORIES

## For Motor Drive and Unmanned Photography

1. **Motor Drive MF**
2. **Film Chamber 250**
3. **Film Loader 250**: Its function is to wind the film strip in the magazine for the chamber.
4. **Battery Magazine 12V**: This magazine houses 8 penlight batteries and it is used as the main power source for shooting with the Booster T and the Servo EE Finder.
5. **Battery Case**: The function of this battery case is to serve as an external power source used for the F-1's electric accessories. This battery is connected to the Servo EE Finder or Booster T Finder.
6. **Film Magazine 250**: It is used for the Film Chamber and it can wind film up to 250 frames.



## Flash Photography . . . CAT System

1. **Flash Coupler L**: Accessory shoe used exclusively with the F-1 for performing automatic flash photography with the Speedlite 133D. It has a lamp to illuminate the meter window.
2. **Flash Coupler D**: Accessory shoe whose exclusive function is for attaching the ordinary or direct contact flash unit to the F-1. It has a terminal on its top to connect the flash.
3. **Canon Speedlite 133D**: It is a special electronic flash unit for the Canon Auto Tuning system (CAT).
- 4.5. **Flash-Auto Rings A<sup>2</sup>, B<sup>2</sup>**: A<sup>2</sup> is used for the FD 50mm f/1.8 S.C., FD 35mm f/2 S.S.C., FD 35mm f/3.5 S.C. lenses, and B<sup>2</sup> for the FD 50mm f/1.4 S.S.C., FD 35mm f/2 S.S.C., FD 35mm f/3.5 S.C.





## ACCESSORIES FOR CANON AE-1/AT-1

### 1. Speedlite 155A

The Speedlite 155A is an electronically controlled flash unit that automatically functions to set the proper exposure without adjusting the aperture and shutter speed dial. It can also be used with manual operation as ordinary flash unit. (See page 70)

### 2. Power Winder A

For the continuous shooting device, the automatic film winder Power Winder A is newly developed especially for the AE-1 and AT-1. It can be attached to the camera directly without any other accessory or attachment. Only if you press the shutter button, the film will be immediately wound after being exposed.

### 3. Data Back A

The Data Back A is an interchangeable back cover with a built-in data imprinting mechanism. It can imprint the day, month, year on the lower right hand corner of the photograph at the moment of shutter release. It has letters and Roman numerals for versatility of data classifications.





## ACCESSORIES FOR SLR CAMERAS

**1. 55mm Close-Up Lens 450 and 240:** These are lenses of high performance used for close-up photography. When the distance scale is set at infinity, focusing is made at a position 450mm or 240mm, respectively, from the tip of the lens.

**2,3,4. Extension Tube M Set:** These are intermediate tubes to be used for increasing the distance between the lens and the focal plane to allow the lens to focus on very close subjects. Three different types are available 5mm, 10mm and 20mm.

**5. Macrophoto Coupler FL55:** This is an accessory for attaching the lens reversely when performing macrophotography. It can protrude 13mm.

**6. Lens Mount Converter A:** This converter is used for attaching the standard screw-in

type lens to Canon's single lens reflex cameras. But it is used only when performing close-up photography or when photographing with a lens extended.

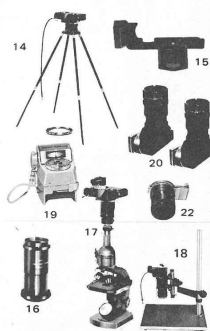
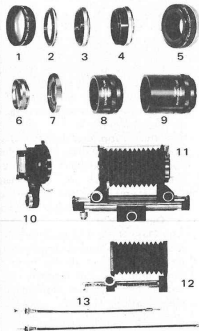
**7. Lens Mount Converter B:** Canon FD, FL and R lenses can be used as the standard screw-in type mount lens by means of this mount converter.

**8,9. Extension Tube 6mm - 200mm**

**10. Slide Duplicator:** The Slide Duplicator is used for duplicating slides.

**11. Bellows FL:** The Bellows FL is used for close-up photography at extremely short distances. It has a shooting distance precision adjustment mechanism and a mechanism coupled to the automatic diaphragm of the FD and FL lenses.

**12. Bellows M:** The Bellows M



is a handy bellows for macrophotography. It is a single track manual bellows with front extension.

**13. Canon Release 30 and 50:** 30cm and 50cm-long cable releases

**14. Handy Stand F:** This is a small and lightweight copy stand for SLR cameras

**15. Camera Holder F3:** This is a camera holder used for the SLR cameras.

**16. Microphoto Hood**

**17. Photomicro Unit F:** This is a device for photomicrography at a magnification from 20X to 30X using any of Canon's SLR cameras. Photographic magnification is one half that of the microscope.

**18. Copy Stand 4:** It comprises base board, stanchion, and carrying arm. It serves as a stable stand for the camera in copy work, close-up photog-

raphy, macrophotography photomicrography, etc.

**19. Canon Booster**

**20. Angle Finder A<sub>2</sub> and B**

**21. Dioptic Adjustment Lenses (Square type)**

**22. Magnifier S**

**23. Magnifier Adapter S and R**

**24. Eye Cup 4S**

**25. Lens Soft Case SA**

**26. Lens Soft Case SB and SC**

**27. Neck Strap 5**

**28. Neck Strap 6**



**More Efficiency in Compact Form with Day and Night Electric Eye**

The new Canonet G-III 17 is high-performance 35mm lens shutter type compact camera featuring Electric Eye shooting capability at night as well as in daylight. It uses the optional Canolite D electronic flash, battery checking system plus fully automatic exposure control, film quick loading (QL) mechanism, built-in selftimer and complete viewfinder information. It is a "round-the-clock" camera that just won't let you make mistakes.

**Lens:** Canon Lens 40mm f/1.7

**Battery checker:** Built-in.

**Film wind indicator:** Built-in.

**Size:** 120(L) x 75(H) x 60(D)mm (4-3/4" x 3" 2-3/8")

**Weight:** 620 g. (1 lb. 5-7/8 ozs.)

● Black Type Canonet G-III 17 is also available.

**Canonet**  
**G-III 17**



35mm POPULAR CAMERAS

### Snapshots When and Where You Want Them

Photography can be an enjoyable hobby for anybody now with the two outstanding features of the Canonet 28. Programmed exposure control by the Electric Eye and automatic control of flash photography with Canon's exclusive electronic flash, the Canolite D, allow the beginner to take good pictures always. Its viewfinder acts as a data center regarding exposure and focusing. It leaves no room for mistakes.

**Exposure Control:** Programmed by EE. ASA 25-400

**Flash Synchronization:** X contact. Automatic flash control in which shooting distance and aperture setting are automatically coupled.

**Size:** 120(L) x 75(H) x 61(D)mm. (4-15/16" x 2-15/16" x 2-3/8").

**Weight:** 540 g. (1 lb. 3-1/16 ozs.)

**Canonet**  
**28**



### A Flash of Inspiration to Capture Any Moment

The A35 F is the new built-in flash type camera which allows you to take pictures anytime, anywhere. In the daytime, the automatic exposure mechanism will assure that your photos come out exposure-perfect. And in the dark situation, the built-in pop-up flash plays its role both indoors or out. All you have to do is just pop it up, focus and shoot.

**Automatic Exposure Control:** Programmed AE. EV 9 to 17 at ASA 100. Shutter locks outside of coupling range in case of both AE and flash photography.

**Flash:** Built-in type. Proper f/stop for the shooting distance automatically set by CAT system.

**Size:** 122(L) x 75(H) x 61(D)mm (4-13/16" x 2-15/16" x 2-3/8")

**Weight:** 500g (1 lb. 1-1/2 ozs.)

**Canon**  
**A35 F**





**The Pocket Camera that Keeps Your Memories**  
 The 110 ED 20 is a high quality pocket-size camera which offers a bright f/2 lens and unique date imprinting mechanism. It has many safety and convenient mechanisms; protector cover, shutter lock safety mechanism; mechanical shutter function without batteries, viewfinder information. The aperture-priority automatic exposure control assures you fine reproduction either on day or night. The Canolite ED and Extender make the flash photography very easy.

**Main Features:** 1) Bright f/2 lens 2) Date imprinting mechanism 3) Aperture-priority automatic exposure control 4) Informations in the clear viewfinder 5) Electronic shutter with up to 1/1000 speeds plus mechanical shutter at 1/125 sec. 6) Use of high speed film up to ASA 400 7) Automatic flash control with Canolite ED 8) Close-up photography with Close-up Lens 110.

**Size:** 142(L) x 28.8(H) x 55.5(D)mm (5-9/16" x 1-1/8" x 2-3/16")

**Weight:** 340g (12 ozs.)

**Canon** 110ED 20





**The Best Lap Dissolve in 8mm and a Full Range of Creative Functions**

The Canon Auto Zoom 1014 Electronic is an 8mm system movie camera of the very best conceivable quality. In it Canon has endeavoured to satisfy the requirements of the most up-to-date, professional-minded movie makers. Equipped with an f/1.4 10X zoom lens, TTL automatic exposure mechanism, macro-shooting capability, variable shutter control for fading, rewinding mechanism for lap dissolve and super imposition, magnetic release for remote control and synchronised flash.

**Lens:** f/1.4 with zoom range of 7mm-70mm.

**Viewfinder:** SLR type combined with split-image rangefinder.

**AE Mechanism:** TTL type automatic exposure mechanism with CdS photocell.

**Filming Speeds:** 18 fps, 24 fps, single frame and instant slow motion (about 54 fps).

**Size:** 277(L) x 121 (H) x 93.5(D)mm (10-15/16" x 4-3/4" x 3-11/16")

**Weight:** 1,990g (4 lbs. 6 ozs.).

**Canon**  
**AUTO ZOOM 1014**  
**ELECTRONIC**



**The Quality 8mm Camera Zooming into Exciting XL Movies**

The 814XL Electronic, the improved model of the Auto Zoom 814 Electronic, is a precision Super 8 movie camera, meeting the photographers' demands of the higher quality 8mm movies. With the additional new features of XL mechanism and double sound recording system, the optional performance of the lens and viewfinder have been improved to give you better photographic effects.

**Lens:** f/1.4 zoom lens with focal length of 7.5-60mm, zooming ratio 8:1.

**AE Mechanism:** Automatic exposure mechanism coupled to film speed and filming speed.

**Angle of Shutter Opening:** 220° single frame, instant slow motion (approx. 36fps.)

**Zooming:** Both power and manual zooming.

**Recording System:** Double sound system.

**Size:** 265(L) x 118(H) x 92.5(D)mm (10-7/16" x 4-5/8" x 3-5/8")

**Weight:** 1520g (3 lbs. 6 ozs.) (with batteries)

## Canon 814XL ELECTRONIC



**A Movie Camera that Shoots When and Where You Want To!**

The Auto Zoom 512XL Electronic is a first rate 8mm camera presenting more versatility and higher quality to those seeking more in movie photography. It has a zoom lens and a mechanism for macrophotography that has 5X magnification. Four filming speeds, manual or automatic adjustment of the zoom lens, and a sharp, bright viewfinder combine to offer ease of operation and superior results.

**Lens:** f/1.2 with zoom ratio of 1:5 and macrophotography of up to 5X magnification.

**Viewfinder:** SLR type, split-image rangefinder

**AE mechanism:** Through the lens AE with CdS.

**Filming Speeds:** 9fps; 18fps and SLOW MOTION (36fps).

**Single Frames:** Setting for single frame shootings on the switch dial.

**Size:** 255(L) x 118.5(H) x 69.5(D)mm (10-1/16" x 4-11/16" x 2-3/4")

**Weight:** 1350g (2 lbs. 2 ozs.) (with batteries)

## Canon AUTO ZOOM 512XL ELECTRONIC



### The Professional's Home Movie Camera

The 5X zoom and wide-angle/telephoto macro-cinematography mechanism the 514XL offers takes you a step further along the road of making your home movies appear like the work of a professional. Fingertip control of all functions and its lightweight, compact body design assure easy and readily available use. Excellent image production by the f/1.4 lens and a full range of view provided by the 220° shutter opening guarantees the superb results expected from such a high quality camera.

**Lens:** f/1.4, 9-45mm focal length, 5X zoom ratio.

**Macrocinematography System:** Wide-angle: 227mm (8-15/16") from film plane indicator, picture area; 74 x 102mm (2-15/16" x 4-1/16"). Telephoto: 600mm (23-5/8") from film plane indicator, picture area; 44 x 61mm (1-3/4" x 2-3/8");

**Filming Speeds:** 9 fps, 18 fps and single frame.

**Size:** 190.5(L) x 112(H) x 39(D)mm (7-1/2" x 4-3/8" x 1-1/2")

**Weight:** 620g (1 lb. 6 ozs.) (with batteries).

## Canon 514XL



### A Movie Camera for the Quality Minded Person

A fully equipped home movie camera that allows you to produce varied and superior home movies. With a 3X zoom mechanism and macro-cinematography mechanism built into the camera, heretofore unimaginable visual effects are now at your fingertips. Fast f/1.0 lens assures excellent image reproduction and ease of focus. All this is further enhanced by its incorporation in a super lightweight and compact body design for easy handling.

**Lens:** f/1.0 with zoom ratio 3 and macro-photography of up to 3X magnification.

**AE Mechanism:** Automatic exposure mechanism coupled to film speed and frame speed.

**Filming Speeds:** 18 fps and single frame.

**Size:** 176(L) x 112(H) x 39(D)mm (6-15/16" x 4-7/16" x 1-1/2")

**Weight:** 580g (1 lb. 4 ozs.) (with batteries).

## Canon 310XL



### **Superb Quality in Sound and Image**

The new field of Super 8 Sound, the 514XL-S is developed with the excellent features such as high precision 5X zoom lens, macrocinematography option, the XL system for filming in dim light, plus the most distinct feature of superb quality sound movie mechanism.

For the sound movie camera, the 514XL-S boasts a lightweight and slim design, as one compact easy-to-carry unit for shooting any time, anywhere.

**Lens:** f/1.4, 9-45mm focal length, 5X zoom ratio.

**Sound Recording System:** Magnetic stripe recording with sound film. Built-in ALC (Automatic Level Control) mechanism.

**Macrocinematography Mechanism:** Wide-angle and telephoto macrocinematography possible.

**Size:** 210(L) x 136(H) x 64(D)mm (8-1/4" x 5-3/8" x 2-1/2")

**Weight:** 1,495g (3 lbs. 5 ozs.) (with batteries)

## **Canon 514XL-S CANOSOUND**



### **Easy, Sure Controls that Give You Real Sound Fidelity**

The 312XL-S was developed as the simplified 514XL-S with the same standards of image quality and sound fidelity.

The very fast f/1.2 3X zoom lens and highly accurate external light metering together with Camera's unique ALC (Automatic Level Control) feature stand for the best in simultaneous filming/recording capability. Its XL mechanism, macrocinematography, remote control shooting, with its compact and lightweight body make it a sound beginning in sound movies.

**Lens:** f/1.2, 8.5-25.5mm focal length, 3X zoom ratio.

**Sound Recording System:** Magnetic stripe recording with Super 8 sound cartridge.

**Macrocinematography Mechanism:** Wide-angle macrocinematography by the macro setting lever.

**Size:** 195(L) x 136(H) x 64(D)mm (7-11/16" x 5-3/8" x 2-1/2")

**Weight:** 1,420g (3 lbs. 2 ozs.) (with batteries)

## **Canon 312XL-S CANOSOUND**





### Macrocinematography in a 8mm Wonder

The Canon Auto Zoom 318M Black is an advanced 8mm movie camera designed with the novice in mind. Its simplified construction incorporates all the necessary features of a movie camera with several additions usually found only on more advanced cameras. Its power zoom lens with a 3:1 ratio can take both single frame exposures and moving shots to produce clear, sharp pictures. It features a macro-filming option for filming up to 22.5cm from the lenses without the use of any special attachments. The latest improvement is a film transport indicator built into the viewfinder to inform you when the film is moving. **Lens:** f/1.8, 10-30mm focal length, 3X zoom ratio.

**Filming Speeds:** 18 fps and single frame.

**Size:** 172(L) x 80.6(H) x 60(D)mm (6-3/4" x 3-3/16" x 2-3/8")

**Weight:** 470g (1 lb. 1/2 oz.)

## Canon AUTO ZOOM 318M BLACK



### Simple Handling, Superb Image Home Projector

The P-777, sure but simple movie projector, will give you a superb home movie pleasure. A high-intensity Halogen lamp provides extremely bright image, and Spectra Coated f/1.3 zoom lens produces sharpness of focusing. It also features automatic film loading, slow motion and still projection, with its lightweight and compact design.

**Acceptable Films:** Super 8 or Single 8 films.

**Projection Lens:** PS 17-28mm f/1.3 with Spectra Coating, 9-element and 6-group construction.

**Projection Lamp:** 30V, 80W tungsten-halogen type.

**Projection Speed:** 18 fps. and 6 fps. for slow motion.

**Power Frequency:** 50 or 60 Hz two settings.

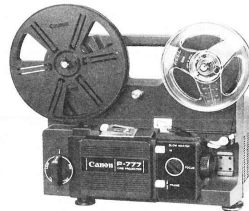
**Electrical Voltage:** 100, 120, 127, 160, 220 or 240V.

**Power Consumption:** 170W.

**Size:** 285(L) x 255(H) x 175(D)mm (11-1/4" x 10-1/16" x 6-7/8")

**Weight:** 6.2Kg (13 lbs. 11 ozs.)

## Canon P-777 CINE PROJECTOR



### The Sound and Image, Compact Projector

The compact, sound projector PS-1000 incorporates a precision capstan drive, the very same drive mechanism employed in high-quality tape recorders. It reproduces the sound and image just as it was recorded and pictured with the sound cameras. The PS-1000 features two methods of post recording; sound-on-sound recording and normal (cut-in) recording.

**Acceptable Films:** Super 8 or Single 8 films with magnetic stripes and silent films.

**Projection Lens:** PS 17-28mm f/1.3, 9-element and 6-group construction.

**Projection Lamp:** 12V, 100W tungsten-halogen type. (U.S.A. model; 30V, 80W)

**Recording Playback:** Playback of magnetic recording. Putting additional sound by overlapping on the stripe possible.

**Recording System:** Automatic recording level control with ALC circuit.

**Size and Weight:** 296(L) x 300(H) x 184(D)mm (11-5/8" x 11-13/16" x 7-1/4"), 7.8 Kg (17 lbs. 3 ozs.), U.S.A. model; 292(L) x 300(H) x 180(D)mm (11-1/2" x 11-13/16" x 7-1/16"), 6.1 Kg (13 lbs. 7 ozs.)

## Canon PS-1000 CANOSOUND



### CANON TIME LAPSE PROGRAMMER

For Continuous, Automatically Controlled Photography

The Canon Time Lapse Programmer is the latest development in automatic photography. It is composed of an A Unit and B Unit which allow for up to 24 hours of scheduled filming with either the F-1 or a Canon 8mm movie camera. The A Unit functions to control the length of filming for the movie camera or the release of the shutter for the F-1 at specified intervals, while the B Unit controls the time periods the A Unit functions in. The Programmer has several safety features: a warning lamp for an incorrectly set A Unit, an automatic battery switch-over mechanism in case of a failure of the AC power source, and a built-in battery checker.

**Construction:** A Unit and B Unit. A Unit can be used independently or A and B Units can be used jointly.

**Usable Cameras:** The F-1 with Motor Drive MF, 8mm movie cameras with built-in magnet release mechanism (Auto Zoom 1014 Electronic, 814XL Electronic, 514XL-S and Auto Zoom 512XL Electronic).

**Size and weight:** A Unit: 210(L) x 88(H) x 178(D)mm (8-1/4" x 3-1/2" x 7-1/16"), 2510g (5 lbs. 8 ozs.). B Unit: 210(L) x 88(H) x 178(D)mm (8-1/4" x 3-1/2" x 7-1/16"), 1750g (3 lbs. 14 ozs.).

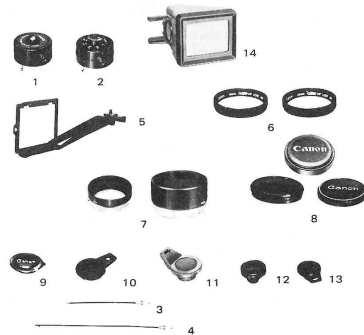


## ACCESSORIES FOR 8mm MOVIE CAMERAS

1. Tele-Converter 1.6X  
(for 512XL)
2. Wide-Converter 0.65X  
(for 512XL)
3. Wide Attachment 43  
(for 310XL, 514XL, 514XL-S,  
312XL-S)
4. Remote Switch 3
5. Remote Switch 60
6. Chestpod
7. Boom Microphone BM70/  
BM50 (for 514XL-S, 312XL-S)
8. Lighting Adaptor LA-1  
(for 514XL-S, 312XL-S)
9. Headphone HP-M  
(for 514XL-S, 312XL-S,  
PS-1000)
10. Power Pack 9V  
(for 514XL-S, 312XL-S)



1. Canon Self-timer E (for 1014  
Electronic, 814XL Electronic,  
512XL, 514XL-S, 312XL-S)
2. Canon Interval Timer E (for  
1014E, 814XL-E, 512XL,  
514XL-S)
3. Canon Release 30
4. Canon Release 50
5. Canon Macro Frame (for 318M)
6. Canon Close-up Lenses C-8 450,  
240, 48mm, 58mm (for 8mm  
Movie Cameras)
7. Lens Hoods
8. Lens Caps
9. Finder Cover (for 318M)
10. Finder Cover 5 (for 814XL-E,  
512XL)
11. Finder Cover 6 (for 514 XL,  
310XL, 514XL-S, 312XL-S)
12. CCA Filter Cancellation Adapter  
(for 1014E, 814XL-E and 318M)
13. Socket Cover for CCA Filter,  
Cancellation Adapter (for  
1014E, 814XL-E and 318M)
14. Daylight Viewer DV-1 (for  
PS-1000, P-777)



## CANON FILTERS (Screw-in type)

For Black and White Film			For Color Film		
Type	Factor	Use and Effect	Type	Factor	Use and Effect
UV	1X	Recommended especially for high mountain areas and seaside where ultraviolet rays are strong.	Skylight	1X	For distant snow or mountain scenes on an overcast day, for open shade photos under a clear sky to reduce the excessive bluish results.
Y1	1.5X	For landscapes and portraits with low sun, gives correction of tonal values by darkening the navy blue of the sea and brings out the whiteness of the clouds by darkening the sky.	CCA4 (Amber)	1.5X	Used with daylight type film for shooting under cloudy or rainy weather conditions or in the shade under fair weather conditions. Eliminates bluish tinge.
Y3	2X	For landscapes and still-life. This filter is similar to Y1, but the effects are stronger.	CCA8 (Amber)	2X	Used with tungsten type film for shooting in the morning or evening light.
G1	2X	For portrait against the sky. Natural reproduction of foliage, gives correction of tonal values.	CCA (12 equiv.) (Amber)	2X	Used with tungsten type film for shooting under sunlight (under color temperature of daylight source) to obtain normal color tones.
O1	3X	For haze penetration, contrast in marine scenes, distant landscapes, aerial photography and sky-cloud contrast.	CCB4 (Blue)	1.5X	Used with daylight type film for shooting in the morning or evening light to eliminate reddish tinge.
R1	6X	For distant landscapes. Exaggerated skycloud contrast with a very dark sky, gives dramatic and interesting effects.	CCB4 (Blue)	2X	Used with daylight type film for shooting at night or indoors with clear flashbulbs.
ND-4	4X	Neutral density filters are used only to control exposure and have effect on colors.	CCB (12 equiv.)	3X	Used with daylight type film for shooting under artificial lighting to obtain normal color tones.
ND-8	8X	Especially used with high speed black and white film in the bright daylight.			

Size	Type	Cameras or Lenses
40mm	UV, Y1, Y3, O1, G1, R1, ND-4, ND-8, CCA4, CCA8, CCA12, CCB4, CCB8, CCB12, Skylight	Auto Zoom 318M Black
43mm	UV, ND-4, ND-8, CCA4, CCA8, CCA12, CCB4, CCB8, CCB12, Skylight	310XL, 514XL, 312XL-S 514XL-S
48mm	UV, Y1, Y3, O1, G1, R1, ND-4, ND-8, CCA4, CCA8, CCA12, CCB4, CCB8, CCB12, Skylight	Datematic, Canonet G-III 17, Canonet 28, Auto Zoom 512 XL, Focusing Unit FD 600mm f/4.5 S.S.C., FD 800mm f/5.6 S.S.C.
55mm	UV, Y1, Y3, O1, G1, R1, ND-4, ND-8, CCA4, CCA8, CCA12, CCB4, CCB8, CCB12, Skylight	FD 24mm f/2.8 S.S.C., FD 28mm f/2.8 S.C., FD 35mm f/3.5 S.C., FD 35mm f/2 S.S.C., FD 50mm f/1.8 S.C., FD 50mm f/1.4 S.S.C., FD 100mm f/2.8 S.S.C., FD 135mm f/3.5 S.C., FD 200mm f/4 S.S.C., FD 100-200mm f/5.6 S.C., FD 85mm f/1.8 S.S.C., FD 28mm f/2 S.S.C., FD 100mm f/4 S.C. Macro, FD 50mm f/3.5 S.S.C. Macro, FD 80-200mm f/4 S.S.C.
58mm	UV, Y1, Y3, O1, G1, R1, ND-4, ND-8, CCA4, CCA8, CCA12, CCB4, CCB8, CCB12, Skylight	Auto Zoom 814XL Electronic, DS-8, FD 55mm f/1.2 S.S.C., FD 55mm f/1.2 S.S.C. ASPHERICAL, FD 135mm f/2.5 S.C., FD 300mm f/5.6 S.S.C., TS 35mm f/2.8 S.S.C., Auto Zoom 1014 Electronic, FD 35-70mm f/2.8-3.5 S.S.C., FD 28-50mm f/3.5 S.S.C., FL 300mm f/5.6 FLUORITE
72mm	UV, Y3, R1, ND-4, ND-8, CCA4, CCA8, CCA12, CCB4, CCB8, CCB12, Skylight	FD 17mm f/4 S.S.C., FD 20mm f/2.8 S.S.C., FD 24mm f/1.4 S.S.C. ASPHERICAL, FD 85mm f/1.2 S.S.C. ASPHERICAL, FD 200mm f/2.8 S.S.C., FD 24-35mm f/3.5 S.S.C. ASPHERICAL, C-8 Tele-Converter 1.6X, C-8 Wide-Converter 0.65X
95mm	Y3, O1, R1, CCA12, CCB4, Skylight	FL 500mm f/5.6 FLUORITE
Series No. 9	UV, Y3, R1, ND-4, ND-8, CCA4, CCA8, CCA12, CCB4, CCB8, CCB12, Skylight	FD 85-300mm f/4.5 S.S.C.

## CANON CLOSE-UP LENSES

Close-up photography can be easily performed by simply screwing a close-up lens onto the front of the lens of a single lens reflex camera or an 8mm movie camera. The diagram below shows the filter sizes. The numbers 240, 450, which appear in the column under "Type" (close-up distance) signify the distance (in mm) between the front of the lens and the object in focus when the lens is focused at "infinity."

Exclusively for the 110ED camera, the Close-up Lens 110 is newly developed to expand the photographic possibilities of pocket-size cameras.



Size	Type	Camera or Lens Used
C-8 48mm (Exclusive for 8mm Movie Cameras)	240 450	Auto Zoom 518 SV, Auto Zoom 518, Auto Zoom 512 XL
C-8 58mm (Exclusive for 8mm Movie Cameras)	240 450	Auto Zoom 1014 Electronic, DS-8, 814XL Electronic, Auto Zoom 814 Electronic
48mm	240 450 900	FL 50mm f/1.8, EX 50mm f/1.8
55mm	240 450	FD 50mm f/1.8 S.C., FD 50mm f/1.4 S.S.C. Lenses with diameter of 55mm
58mm	240 450 1800	FD 55mm f/1.2 S.S.C., FL 55mm f/1.2, FL 50mm f/1.4, FL 58mm f/1.2, Lenses with diameter of 58mm FL 55-135mm f/3.5
72mm	1100 2100	Scoopic 16
Close-up Lens 110		110ED, 110ED20



## COMBINATIONS OF SOFTMAT AND CANON LENSES



Canon Softmats are special type of filters which soften the image. No. 1 gives a soft and shallow delineation, whereas No. 2 makes the image conspicuously blurred.

Size	Lenses
48mm	50mm f/1.4, 85mm f/1.9, 135mm f/3.5, R85mm f/1.9, R135mm f/3.5, EX50mm f/1.8, FL50mm f/1.8, FL100mm f/3.5, FL135mm f/3.5, FL200mm f/4.5
55mm	50mm f/1.2, FL 100-200mm f/5.6, FD50mm f/1.8 S.C., FD50mm f/1.4 S.S.C., FD50mm f/3.5 S.S.C., FD85mm f/1.8 S.S.C., FD100mm f/2.8 S.S.C., FD135mm f/3.5 S.C., FD200mm f/4 S.S.C., FD80-200mm f/4 S.S.C., FD100-200mm f/5.6 S.C.
58mm	85mm f/1.5, 85mm f/1.8, 100mm f/2, 200mm f/3.5 R50mm f/1.8, R58mm f/1.2, R85mm f/1.8, R100mm f/2, R135mm f/2.5, R200mm f/3.5, R55-135mm f/3.5 M135mm f/2.5, M200mm f/3.5 FL50mm f/3.5, FL50mm f/1.4, FL55mm f/1.2, FL58mm f/1.2, FL85mm f/1.8, FL 135mm f/2.5, FL200mm f/3.5, FL55-135mm f/3.5, FL-F300mm f/5.6 FD 55mm f/1.2 S.S.C., FD 55mm f/1.2AL S.S.C., FD55mm f/1.2 S.S.C. ASPHERICAL FD 135mm f/2.5 S.S.C., FD300mm f/5.6 S.S.C., FD35-70mm f/2.8-3.5 S.S.C. FD28-50mm f/3.5 S.S.C.

Type No.1 gives a soft and shallow delineation, while No.2 makes the image conspicuously blurred.

## LENS HOODS AND CAPS



## LENS HOODS

Model	Camera or Lens Used
BW-55A	FD 35mm f/3.5 S.C., FD 35mm f/2 S.S.C.
BW-55B	FD 24mm f/2.8 S.S.C., FD 28mm f/2.8 S.C., FD 28mm f/2 S.S.C.
BW-55B	TS 35mm f/2.8 S.S.C.
BS-55	FD 50mm f/1.8 S.C., FD 50mm f/1.4 S.S.C.
BS-58	FD 55mm f/1.2 S.S.C., FD 55mm f/1.2 S.S.C. ASPHERICAL
BT-55	FD 100mm f/2.8 S.S.C., FD 135mm f/3.5 S.C., FD 85mm f/1.8 S.S.C.
W-50	FL 35mm f/3.5, EX 35mm f/3.5
W-60	Auto Zoom 814 Electronic, FL 35mm f/2.5, FL 28mm f/3.5
W-69	FD 35-70mm f/2.8-3.5 S.S.C.
W-69B	FD 28-50mm f/3.5 S.S.C.
W-75	FD 24-35mm f/3.5 S.S.C. ASPHERICAL
S-50	Auto Zoom 518 SV, Auto Zoom 518, FL 50mm f/1.8 EX 50mm f/1.8
S-60	FL 55mm f/1.2, FL 50mm f/1.4, FL 50mm f/3.5, FL 55-135mm f/3.5, Auto Zoom 1014 Electronic
T-50	FL 100mm f/3.5, FL 135mm f/3.5
T-60	FL 85mm f/1.8, FL 135mm f/2.5, FL 200mm f/3.5
T-65	EX 95mm f/3.5
Exclusive	Canodate E, Canonet G-III 17/19, Canonet QL 17/19, Auto Zoom 1218, Scopic 16, FL 400mm f/5.6, Datamatic

## DUST CAPS

Model	Lens Used
R-F	FD Lenses, FL Lenses
A-3	EX Lenses
Exclusive	FL 400, 600, 800 & 1200mm
Finder Dust Cover	Interchangeable Finders for F-1

## BODY CAPS

Model	Camera Used
Camera Cover R-F	F-1, EF, AE-1, AT-1, FTb, TX
Camera Cover 2	EX AUTO



#### LENS CAPS

Cap Size	Material	Camera or Lens Used
C-55	Plastic	FD 24mm 1/2.8 S.S.C., FD 28mm 1/2.8 S.C., FD 35mm 1/3.5 S.C., FD 35mm 1/2 S.S.C., FD 50mm 1/1.8 S.C., FD 50mm 1/1.4 S.S.C., FD 100mm 1/2.8 S.S.C., FD 135mm 1/3.5 S.C., FD 200mm 1/4 S.S.C., FD 100-200mm 1/5.6 S.C., FD 28mm 1/2 S.S.C., FD 50mm 1/3.5 S.S.C., FD 100mm 1/4 S.C., FD 85mm 1/1.8 S.S.C., FD 80-200mm 1/4 S.S.C., FD 300mm 1/5.6 S.S.C.
C-58	Plastic	TS 35mm 1/2.8 S.S.C., FD 55mm 1/1.2 S.S.C., FD 55mm 1/1.2 S.S.C. ASPHERICAL, FD 135mm 1/2.5 S.C., FD 300mm 1/5.6 S.C., FL 300mm 1/5.6 FLUORITE, FD 28-50mm 1/3.5 S.S.C.
35mm	Plastic	S-400
45mm	Plastic	Auto Zoom 318M Black, 310 XL, 514XL, 312XL-S, 514XL-S
50mm	Plastic	Auto Zoom 518 SV, Auto Zoom 518, Auto Zoom 512XL, FL 35mm 1/3.5, FL 100mm 1/3.5, FL 200mm 1/4.5, EX 35mm 1/3.5, Canodate E, Canonet G-III 17/19, Canonet QL 17/19, Canonet 28, A35F, Doremaco
	Metal	FL 50mm 1/1.8, EX 50mm 1/1.8
57mm	Plastic	FL 100-200mm 1/5.6
60mm	Plastic	FL 28mm 1/3.5, FL 35mm 1/2.5, FL 50mm 1/3.5, FL 85mm 1/1.8, FL 135mm 1/2.5, FL 200mm 1/3.5, FL 55-135mm 1/3.5
	Metal	Auto Zoom 1014 Electronic, Auto Zoom 814 Electronic, FL 50mm 1/1.4, FL 55mm 1/1.2, FL 300 1/5.6 FLUORITE, 814 XL Electronic
65mm	Plastic	EX 95mm 1/3.5
	Metal	Zoom DS-8
69mm	Metal	FD 30-70mm 1/2.8 S.S.S.C.
75mm	Metal	Scopic 16, FD 17mm 1/4 S.S.C., FD 20mm 1/2.8 S.S.C., FD 24mm 1/1.4 S.S.C. ASPHERICAL, FD 85mm 1/1.2 S.S.C. ASPHERICAL, FD 24-35mm 1/3.5 S.S.C. ASPHERICAL, EX 125mm 1/3.5, Focusing Unit
78mm	Metal	FD 200mm 1/2.8 S.S.C.
80mm	Metal	FL 19mm 1/3.5R, C-8 Tele-Converter 1.8X, C-8 Wide-Converter 0.65X
82mm	Metal	FL 400mm 1/5.6
85mm	Metal	Auto Zoom 1218
94mm	Metal	FD 85-300mm 1/4.5 S.S.C., FD 400mm 1/4.5 S.S.C.
105mm	Metal	FL 500mm 1/5.6 FLUORITE
114mm	Metal	FL 600mm 1/5.6, FL 800mm 1/8, FL 1200 1/11 S.S.C.

## CASES



Gadget Bag G-1



Gadget Bag 4



Case for F-1



Case for  
Canonet G-III 17



Lens Cases

## CASES

#### For SLR cameras

Case L for: F-1, EF, AE-1, AT-1, FTb and TX w/FD 55mm 1/1.2 S.S.C., Pellic QL w/FL 55mm 1/1.2 or FL 50mm 1/1.4, FT QL w/FL 55mm 1/1.2 or FL 50mm 1/1.4

Case S for: F-1, EF, AE-1, AT-1, FTb and TX w/FD 50mm 1/1.4 S.S.C. or FD 50mm 1/1.8 S.C., Pellic QL w/FL 50mm 1/1.8, FT QL w/FL 50mm 1/1.8

Case for: EX Auto, EX EE

Action Case A for: AE-1 or AT-1 w/Power Winder A

#### For 8mm and 16mm Movie Cameras

Exclusive Carrying Cases each for: Auto Zoom 518 SV, Auto Zoom 518, Auto Zoom 814 Electronic, Auto Zoom 318M Black, Zoom DS-8, Scopic 16, Auto Zoom 1014 Electronic, 814XL Electronic, Auto Zoom 512XL, 514XL, 310XL, 514XL-S, 312XL-S

#### For EE Cameras

Case for: Canodate E, Canonet G-III 17/19, Canonet QL 17/19, Canonet 28, Doremaco, 110 ED, 110E, 110ED 20, A35F

#### For 126-Size Camera

Exclusive Soft Case for: Canomatic M 70

#### For Interchangeable Lenses

Lens Case B for: FL 50mm 1/1.8

Lens Case C for: FD 24mm 1/2.8 S.S.C., FD 28mm 1/2.8 S.C., FD 35mm 1/3.5 S.C., FD 35mm 1/2 S.S.C., FD 50mm 1/1.8 S.C., FD 50mm 1/1.4 S.S.C., FD 28mm 1/2 S.S.C., FL 35mm 1/3.5, FL 35mm 1/2.5, FL 50mm 1/1.4, FL 55mm 1/1.2, FL 100mm 1/4

Lens Case D for: FD 100mm 1/2.8 S.S.C., Fish-Eye Lens 7.5mm 1/5.6 S.S.C., FL 85mm 1/1.8, FD 85mm 1/1.8 S.S.C.

Lens Case E for: FD 135mm 1/2 S.C., FL 135mm 1/3.5 S.C., FL 135mm 1/3.5, FD 28-50mm 1/3.5 S.S.C.

Lens Case F for: FL 135mm 1/2.5, FD 100mm 1/4 S.C.

Lens Case G for: FL 200mm 1/3.5, FD 80-200mm 1/4 S.S.C.

Lens Case H for: FL 100mm 1/3.5

Lens Case I for: FD 55mm 1/1.2 S.S.C., FD 55mm 1/1.2 S.S.C. ASPHERICAL, FD 17mm 1/4 S.S.C., Tele-Converter 1.8X, Wide-Converter 0.65X, FD 20mm 1/2.8 S.S.C., FD 24mm 1/1.4 S.S.C. ASPHERICAL, FD 15mm 1/2.8 S.S.C.

Lens Case J for: FD 200mm 1/4 S.S.C., FL 200mm 1/4.5

Lens Case K for: FD 100-200mm 1/5.6 S.C., FL 100-200mm 1/5.6

Exclusive Lens Cases each for: FD 300mm 1/5.6 S.S.C., FL 19mm 1/3.5, FL 19mm 1/3.5 R, FL 50mm 1/3.5, FL 55-135mm 1/3.5, EX 35mm 1/3.5, EX 95mm 1/3.5, EX 125mm 1/3.5, FD 85-300mm 1/4.5, FL 300mm 1/5.6 FLUORITE, FL 500mm 1/5.6 FLUORITE, FL 400mm 1/5.6, FL 600mm 1/5.6 w/Focusing Unit, FL 800mm 1/8 w/focusing Unit, FL 1200mm 1/11 S.S.C. w/Focusing Unit, FD 300mm 1/2.8 S.S.C., FD 34-35mm 1/3.5 S.S.C. ASPHERICAL

Leather Hood Case for: Canonet hood

#### Gadget Bags

Gadget Bag G-1, Gadget Bag 4

## CANON ELECTRONIC FLASH UNITS

### Speedlite 133D (with Flash Auto Ring)

The Speedlite 133D with the Flash Auto Ring A2 or B2 is specially designed for the F-1. This is an electronic flash unit introducing the automatic flash control. The proper exposure is easily obtained, because the voltage of the electric charge in the flash and the shoot-int distance are sent as electrical signal to the meter circuit of the camera.

### Speedlite 155A

The Speedlite 155A is an automatic electronic flash unit developed especially for the AE-1 and AT-1. When the camera is set for automatic exposure photography, the epoch-making system of the 155A functions to automatically adjust the camera's shutter speed and aperture to the proper exposure value. The Speedlite 155A can also be used as an ordinary flash unit with the other cameras.



Canon Speedlite  
133D



Canon Speedlite  
155A



Flash Auto Rings



Canolite ED



Canolite D

### Canolite ED

The Canolite ED is a mini-sized electronic flash unit that can be used with the 110 ED 20. When used with this camera, guide number calculations are unnecessary, and proper exposures are possible as soon as the ready light comes on. A further advantage of the Canolite ED is that it consumes little energy.

### Canolite D

The Canolite D is a direct mounting automatic electronic flash unit used only with the Canonet G-III 17 and Canonet 28. Thanks to the performance of the Canolite D, flash photography can be performed automatically. This eliminates the trouble of calculating guide numbers.



## COPYING EQUIPMENT

### Canon Copy Stand 4

The Canon Copy Stand 4 is used to photograph printed matter, documents, diagrams, photographs, drawings, and charts, with a Canon single lens reflex camera. It can also be used for photographing titles for 8mm films.

### Canon Handy Stand F

A simple copy stand for Canon's single lens reflex cameras with Extension Tube M5, F Ring 48mm, 55mm and 58mm. Subjects can be copied with the standard lens. Small and light, it is very convenient for carrying around. Its operation is very simple.



Canon Copy  
Stand 4



Canon Handy  
Stand F

## ACCESSORIES FOR COPYING EQUIPMENT



Extension Tube  
Macrophoto Coupler  
Macrophoto Strut  
Extension Tubes  
A(6mm) B(9mm) C(12mm)  
Extension Tubes  
25mm 100mm  
50mm 150mm  
75mm 200mm



Macrophoto Coupler  
40mm: 50mm f/1.5, 1.8, 2.2  
and 2.8  
48mm: 50mm f/1.4 and FL50  
mm f/1.8  
55mm: 50mm f/1.2, FD 50  
mm f/1.8, FD50mm f/1.4  
and FD50mm f/3.5 Macro  
58mm: FL50mm f/1.4,  
mm f/1.4, FL50mm f/3.5  
Macro and FL55mm f/1.2

