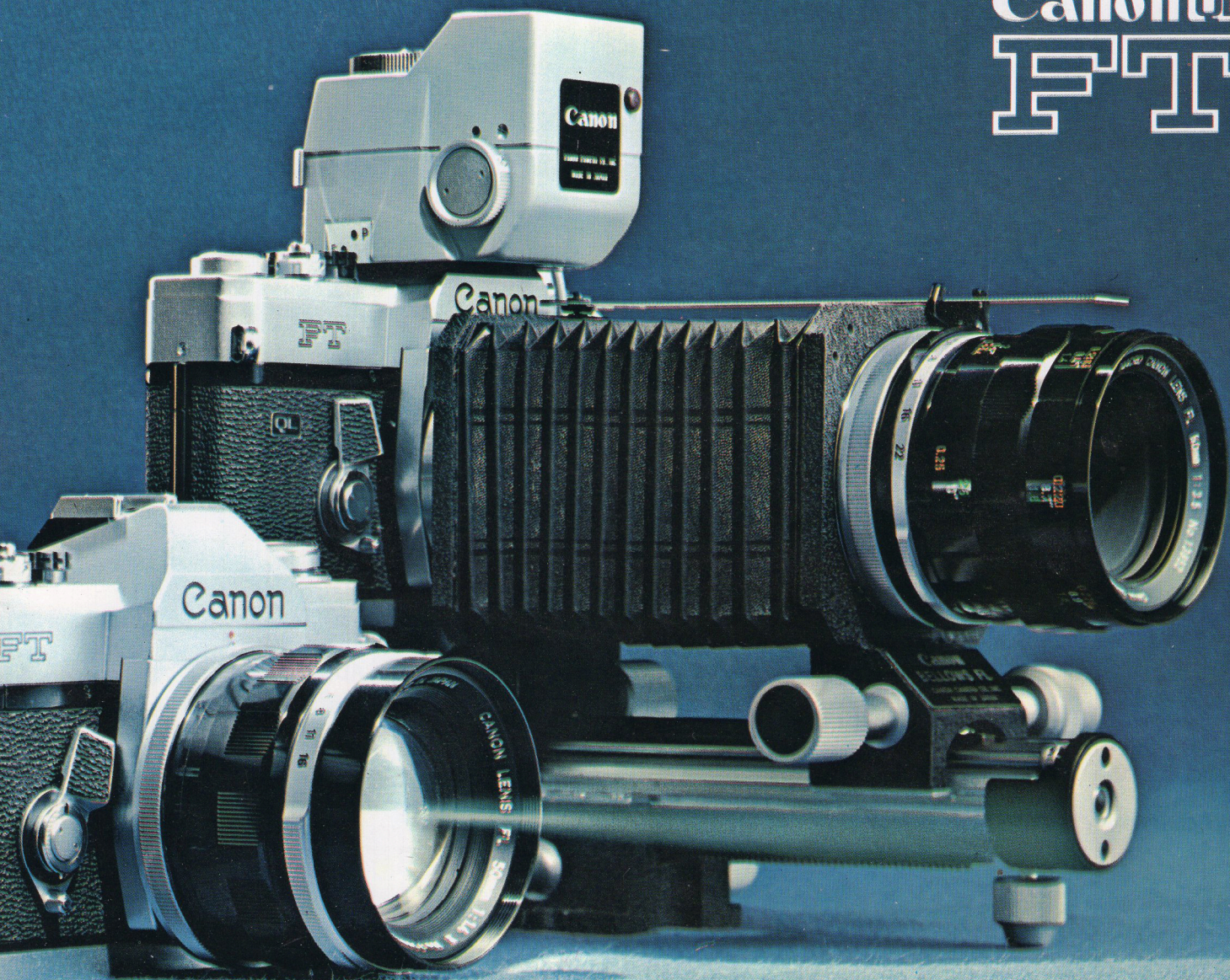


Canon   
FT



Registers the Faintest Light Through-The-Lens

The CANON name has been built up on a reputation for exacting production standards, precision lenses and exciting technical innovations. Thus, the CANON FT QL represents the result of years of research in the field of camera design and manufacture. CANON FT QL joins the select ranks of the wide CANON range of fine cameras with the most advanced Through-The-Lens exposure system employing a quick-return mirror. Loading new film has been simplified with the exclusive new Quick-Loading mechanism. An ultra-sensitive CdS exposure meter ensures correct exposure, every time. And each model comes with the guarantee of long life and trouble-free service that

results from precision engineering, searching inspection and faithful adherence to quality.

**And now dim-light photography becomes a reality.**

With the addition of the CANON BOOSTER the CANON FT QL becomes a camera of unlimited possibilities. This accessory, when fitted to the top of the camera, amplifies incoming light and enables the photographer to take an exposure reading which would otherwise have been impossible in poor lighting conditions.

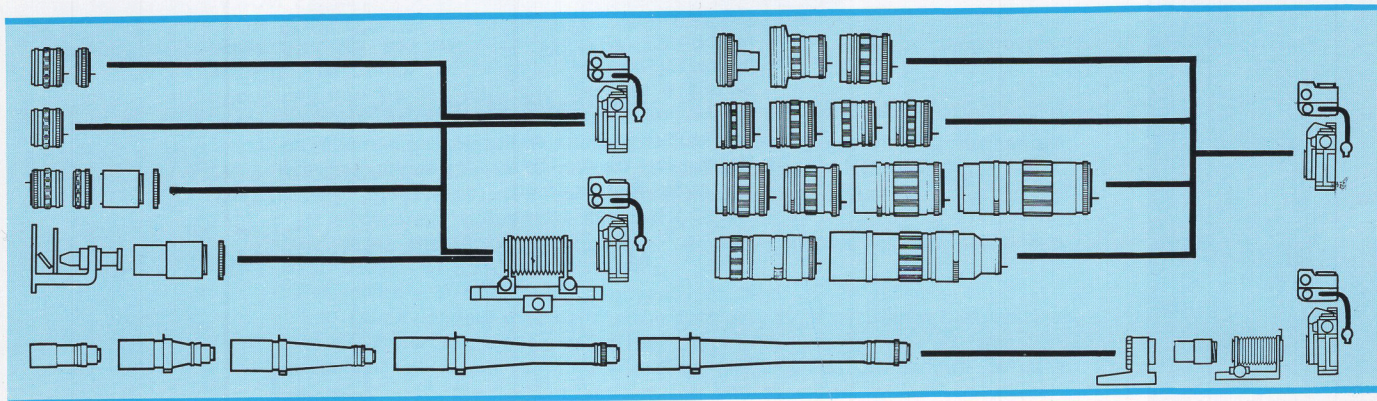
**CANON FT QL and the addition of the CANON BOOSTER will open new horizons for exciting photography.**



EV 18 (ASA 100, 1/1000th sec. at f/16)



EV -3.5 (ASA 100, 15 sec. at f/1.2)

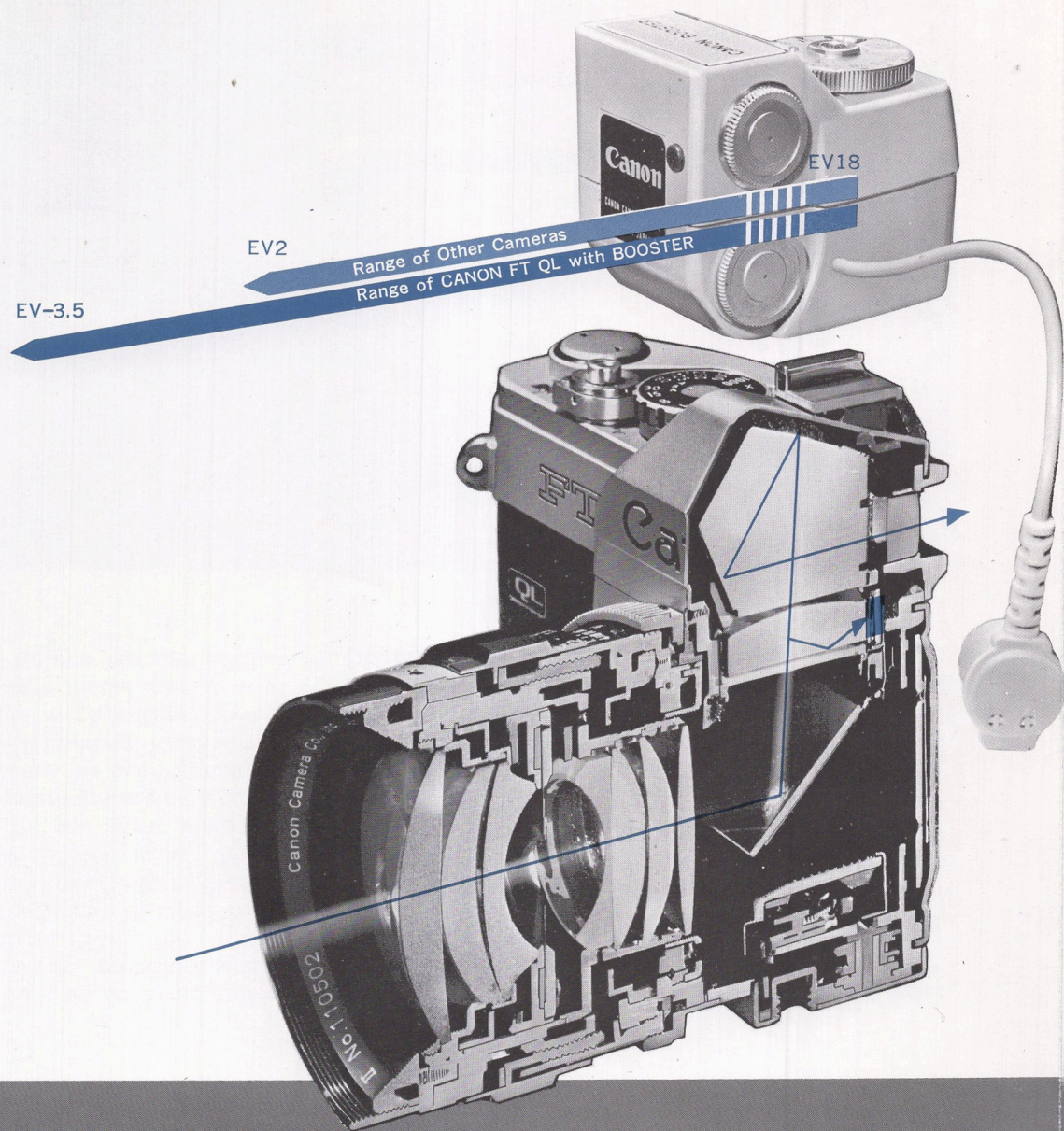


## INTERCHANGEABLE LENSES CREATE EXCITING NEW PHOTOGRAPHIC PROSPECTS

Every conceivable type of photography becomes possible when different lenses are employed. The CANON FT QL accepts as many as 22 different types of lenses. For instance, the FL 19mm F3.5R, a super wide-angle lens which can be mounted on the camera without lifting and locking the mirror. The Macro FL 50mm F3.5 lens has ultra-high resolving power admirably suited to macrophotography. The FL 55mm-135mm

F3.5 and FL 85mm-300mm F5 are high-performance zoom lenses with automatic, pre-set aperture diaphragms and were especially designed for CANON cameras. Super tele-photography is possible with the use of the FL 1000mm F11 lens. The possibilities are unlimited and, by adding interchangeable lenses to your equipment as the need arises, it will be possible to shoot any subject be it technical, scenic, portraiture, sport or news.

Also a host of attachments are available—Bellows FL, Extension Tube FL, Slide Duplicator and many other accessories.



# Canon QL FT

## UNLIMITED SCOPE WITH BOOSTER ACCESSORY

In extremely dim light it is normally impossible for the CdS exposure meter to register the intensity of the incoming light. By attaching the CANON BOOSTER this light is amplified electrically. Now a light reading can be taken under conditions hitherto impossible. Experiments have shown that a picture taken at night under very poor lighting conditions can now be as sharp and clear as a similar picture taken in daylight. Acceptable film speed has been increased to a range of between ASA 25 and an incredible ASA 12,800 by the use of the CANON BOOSTER. The light-measuring range of the newly developed CANON FT QL has been extended from a low of EV -3.5, f/1.2 15 seconds to EV 18 with ASA 100 film. This is the first time a TTL camera has been capable of such astonishing performance. The BOOSTER can be attached in a matter of seconds.

## SIMPLIFIED EXPOSURE READINGS WITH TTL SYSTEM

The TTL (Through-The-Lens) exposure method is ideal for the beginner or advanced amateur photographer. TTL is based on the principle of the camera operator receiving "direct" information on exposure and focusing. Instead of relying on an indirect picture in the viewfinder you are able to see the actual image. Light from the subject enters the taking lens and is reflected by a quick-return mirror directly to the viewfinder. Some of this light is deflected by a half mirror in the condenser lens to CdS exposure meter. In this way exposure and focusing are calculated and adjusted from a direct reading. The moment the shutter release button is depressed the quick-return mirror flips upward allowing the light to pass to the film plane. The light from the subject being the same light used for exposure and focusing adjustments means a perfect picture.



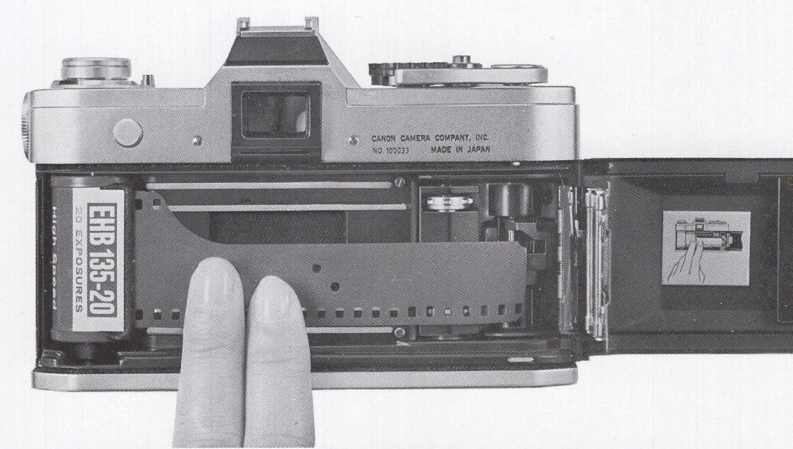
Averaging System in Other Cameras



The Spot Selection System in CANON FT QL

## SPOT SELECTION SYSTEM ENABLES SENSITIVE EXPOSURE READINGS

The Spot Selection System is far superior to meters employing the averaging method in competitive SLR cameras. One-ninth of the total picture area is an exposure-sensing area. True exposure readings can be calculated by concentrating a similar sensing area in the viewfinder on the objects you wish to emphasize most. The reading will be completely accurate because the CdS exposure meter has been scientifically positioned so that it "sees" the original light from the subject as it passes through the taking lens. Whether you use a wide angle lens or the longest focal lens the "one-ninth" portion of the exposure-sensing area never changes. Exposure readings, previously a complex procedure for beginners, now become a simple matter—and always exact. The picture will always be well contrasted and clearly defined. With the CANON FT QL, averaging is also possible. Just read the shadows and highlights. Then average.



## QL MECHANISM SIMPLIFIES QUICK LOADING

CANON has designed and developed a simplified Quick-Loading mechanism. This mechanism has been incorporated into the CANON FT QL. Only three steps are required when loading new film.

1. Open the back of the camera.
2. Place the film leader onto the specially designed take-up mechanism.
3. Close the back of the camera.

The camera is now loaded and ready for use.

The Quick-Loading mechanism will take any type of 35mm film, color or black and white, from any part of the world.

There is no waste and no possibility of incorrect threading. What is more, the QL mechanism enables the photographer to load the camera under poor lighting conditions such as the times when the CANON BOOSTER is being used.

## TECHNICAL DATA

Type : 35mm single-lens reflex camera.  
Viewfinder : Eye-level using pentagonal prism. Waist-Level Viewer 2 can be attached.  
Focusing Screen : Highly efficient in resolving power, using Fresnel lens and microprism screen rangefinder.  
Mirror : Shockless quick return system. Mirror can be fixed upwards.  
Standard Lens : FL 50mm F 1.8, FL 50mm F 1.4 II, FL 55mm F 1.2. With FL (breech-lock bayonet) mount.  
Aperture : Automatic pre-set aperture built in. Pre-set release possible.  
Shutter : 1/1000-1 sec. and B (T) X single pivot dial focal plane shutter.  
Built-in Exposure Meter : Zero-method type CdS meter coupled to shutter dial and aperture setting. Through-the-lens (TTL) system. EV3-18 (ASA 100 film at F 1.4) one stage system. ASA 25-2000 (DIN 15-34). Utilizes one 1.3V M20 (#625) mercury battery.  
Photometry : Exposure meter functions with the CdS actuating lever. Spot selection system. Continuous photometry is possible with the lock lever. Battery checker built in.  
Measuring of Ultra-low Illumination : Using ASA 100 film, EV 2.5 1/4 sec. -EV -3.5 15 sec. at F 1.2 can be measured with the attachment of the Canon Booster (auxiliary meter for extremely dim lighting).  
Flash Synchronization : Synchronizing possible for FP and X contacts and FP class, M class, F class and electronic flash unit. Automatic-time-lag adjusting type.  
Self-timer : Built in.  
Film Rewinding : Done by button and crank.  
Film Advance Lever : Single operation 174° winding lever, possible to wind with several short strokes.  
Film Loading : Back cover opening and closing, using only cartridge. The QL mechanism makes possible simple and quick loading of film.  
Interchangeable Lenses : Automatic pre-set aperture type FL series lens system.  
Film Counter : Self-resetting type.  
Size : 144 x 93 x 43mm (5<sup>3</sup>/<sub>16</sub>" x 3<sup>7</sup>/<sub>16</sub>" x 1<sup>3</sup>/<sub>16</sub>" )  
Weight : 740 grams (1 lb. 10 oz.) - body only.

Subject to alterations.

**Manufactured by**  
**CANON CAMERA CO., INC.**

3 Ginza 5-chome, Chuo-ku, Tokyo 104, Japan

**Sold-Serviced-Guaranteed**  
by  
**BELL & HOWELL**

7100 McCormick Road, Chicago, Illinois 60645

