A SYMBOL IS A PROMISE

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Canon's high-performance cameras help photographers, from snapshooters to pros, get just the images they want; filled with split-second action and excitement.

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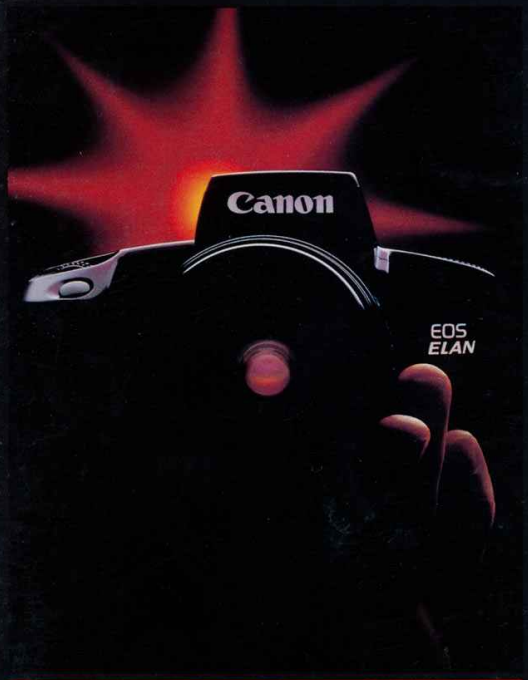
EXPERIENCE EOS *ELAN*



EXPERIENCE WHAT IT MEANS TO BE AT ONE WITH YOUR CAMERA

When you're at one with your camera, your conscious thoughts cease; your photographer's instincts take over. Photography becomes more than a mechanical reaction to light, motion and background. Your creativity is free to explore ...

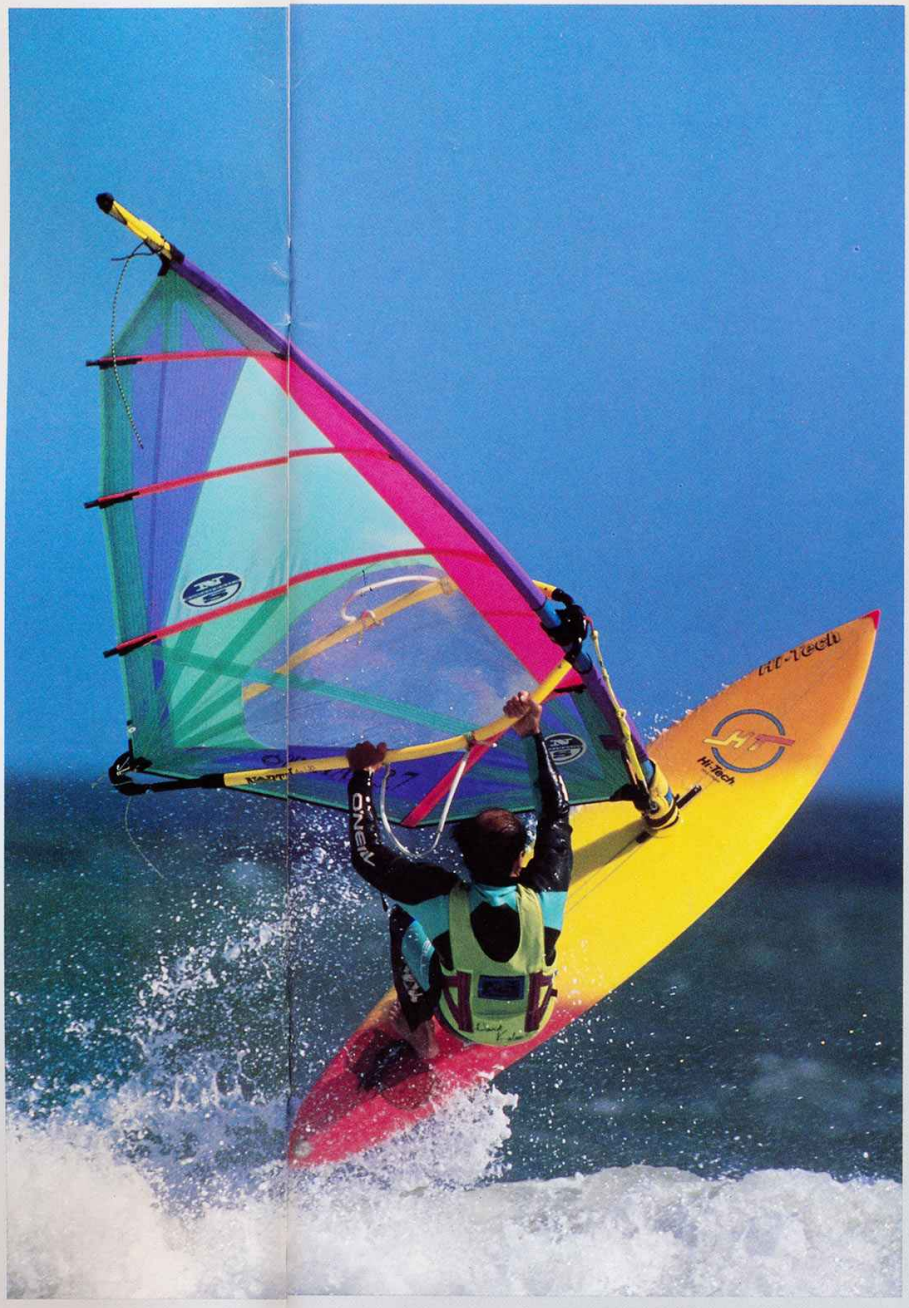
Experience it for yourself, with the extraordinary EOS Elan.

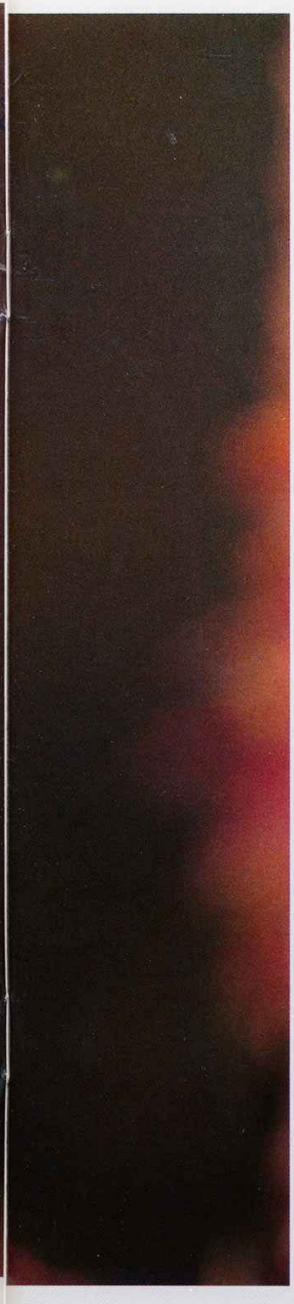
Canon

EXPERIENCE A NEW PRIDE IN PHOTOGRAPHY

With the EOS Elan, your photographs capture not only your mastery of techniques, they reflect your thoughts, feelings, reflexes ... with results that may very well astound you!

Able to achieve the most advanced effects effortlessly, your creativity will soar to new heights. Your spirit, too, will soar — with the simple joy you experience in taking extraordinary photographs.





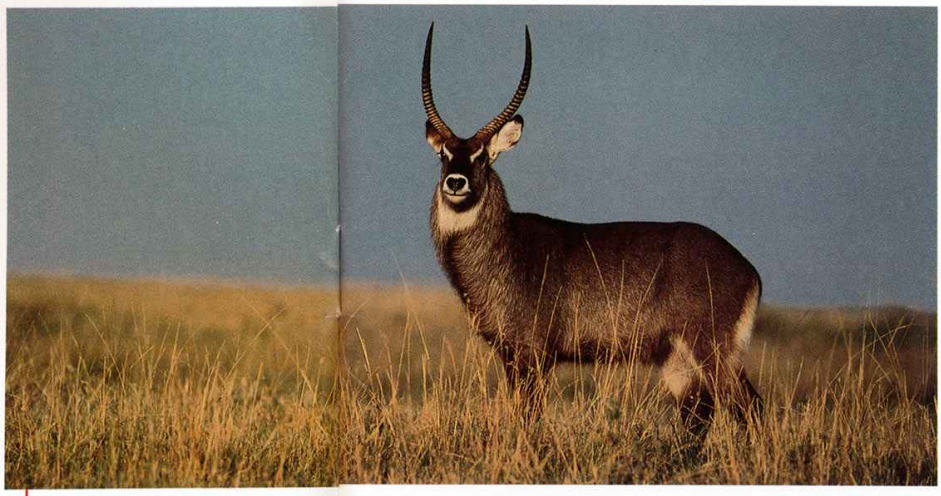
EXPERIENCE BEING UNITED WITH A NEW TECHNOLOGY

The EOS Elan offers an impressive array of advanced EOS technology that not only captures your imagination ... it sets it free.

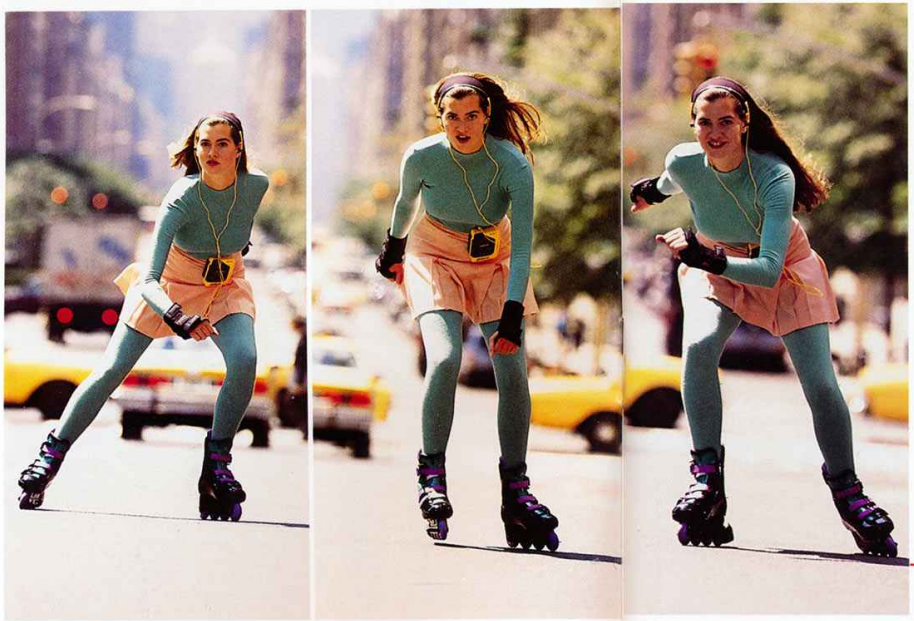
Without warning, the shot of a lifetime reveals itself — instinctively, you shoot. Your subject moves ... automatically, the EOS Elan switches from One-shot to high speed Predictive AF. A slight shake is detected ... and EOS Elan shifts to a faster shutter speed — up to 1/4000th of a second — that insures the sharpness of your shot. The film automatically advances with near silence, to distract neither you nor your subject. The multi-function autozoom flash alerts you when it's needed, and offers red-eye reduction.

WHISPER DRIVE QUIET FILM TRANSPORT

The EOS Elan combines high performance with near-silent noise levels. So you can take photos anywhere — even in quiet places where the noise of a conventional motor drive would be disruptive.



Whisper Drive quiet film transport system won't distract you —or your subject. Two coreless motors power its automatic film load, advance and rewind functions, with significant noise reductions over other SLR models.



These low noise levels are matched with high shooting speeds. Both single frame and continuous advance modes are available; the continuous mode advances film as fast as 3 frames per second in One-shot AF and manual focus modes, and 2.5 frames per second in AI Servo AF mode.

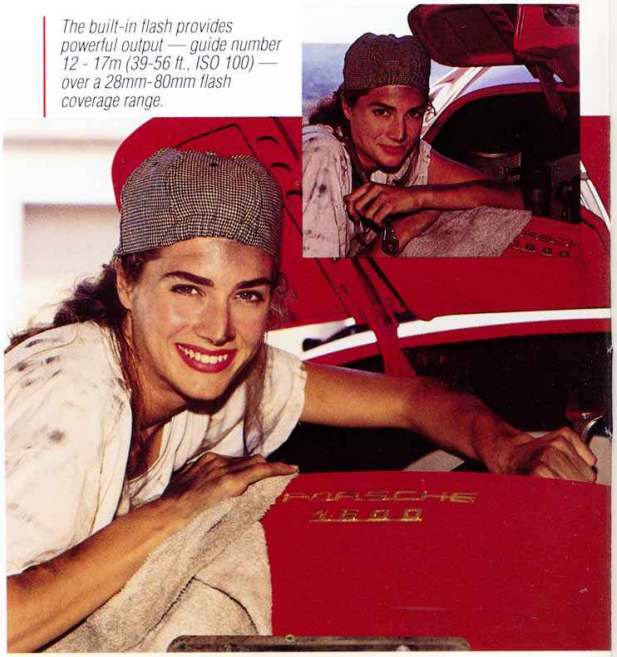
Continuous film advance.

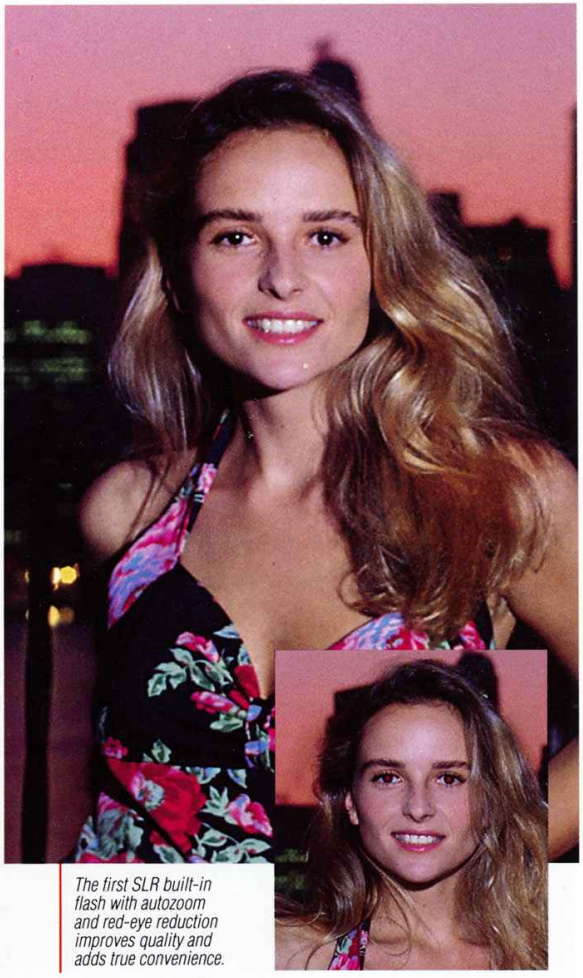
MULTI-FUNCTION AUTOZOOM FLASH WITH RED-EYE REDUCTION

Incorporating an autozoom mechanism, red-eye reduction, and other advanced flash functions, the built-in retractable flash provides optimum flash coverage under virtually any shooting situation. Automatic exposure controls determine the proper aperture and shutter speed for every flash shot; they also adjust flash output from a strong burst of light for nighttime photography to gentle illumination for daytime fill-in flash effects. The internal zoom mechanism automatically adjusts flash angle coverage to match changes in the focal length of any Canon EF zoom lens. Even creative flash photography techniques such as user-controlled flash compensation and second-curtain sync are easily accessible. And the "flash-needed" warning symbol in the viewfinder automatically alerts you in low-light situations.

Without autozoom flash.

The built-in flash provides powerful output — guide number 12 - 17m (39-56 ft., ISO 100) — over a 28mm-80mm flash coverage range.





The first SLR built-in flash with autozoom and red-eye reduction improves quality and adds true convenience.

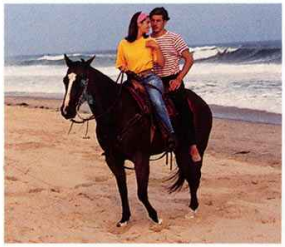
HIGH-PERFORMANCE AUTOFOCUS

The EOS Elan autofocus system far outperforms other AF SLRs in its class. Canon's exclusive Cross-Type BASIS sensor evaluates subjects on both vertical and horizontal lines, for optimum performance in difficult AF situations. Canon's unique lens-integral AF system gives every lens the exact amount of focus drive power it needs. It's precise. It's flexible. It's fast. And it offers this high performance over a wide range of lighting conditions — from EV 18 down to EV 0.

A built-in AF auxiliary light emits automatically when needed.

In a matter of microseconds, the advanced Cross-Type BASIS AF sensor analyzes the subject for optimum AF response.

Sensitive autofocus works even with super-low contrast ratios up to 90:80.



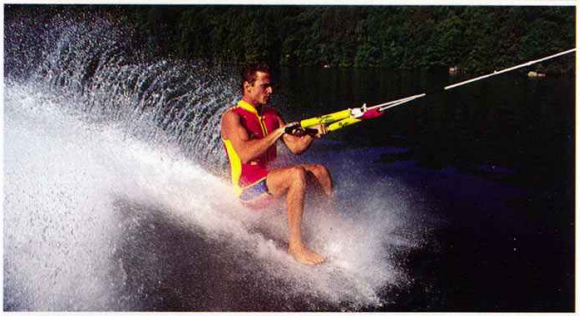
One-shot/AI Servo AF auto switching shifts automatically from One-shot to AI Servo AF when steadily increasing subject movement is detected.

One-shot AF "locks" AF operation once focus is achieved.

Manual focus gives you complete control for even more creative flexibility.

FOUR FOCUS MODES

The EOS Elan offers four focus modes: One-shot AF, AI Servo AF with focus prediction control, One-shot/AI Servo AF auto switching mode, and manual focusing.



AI Servo AF with focus prediction control continually adjusts focus to "track" moving subjects, right up to the time the picture is taken.

ENHANCED GREEN ZONE FULLY AUTOMATIC MODE

The EOS Elan advances the convenience of fully automatic operation one step further, by adding the protection of camera-shake prevention. Simply shift to the Green Zone AE symbol on the Command Dial. The EOS Elan will select the best shutter speed and aperture value for every exposure. Every decision is tailored to the Canon EF lens on the camera, responding even to subtle changes in the focal length of a zoom. And the EOS Elan can automatically shift to faster shutter speeds, when camera shake is detected.

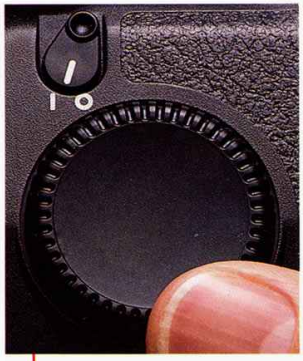
Enhanced Green Zone AE reacts to camera shake and subject movement to ensure the sharpness of your shot.

EXPERIENCE A NEW HARMONY BETWEEN MAN AND MACHINE

The EOS Elan stands out not only for its extraordinary range of advanced features, but also for the way it was designed to be a part of you. Because with EOS Elan, you are truly at one with your camera. Its contoured lines feel like an extension of your hands; its precise responses feel like an extension of your own reflexes. Hold the EOS Elan. Feel the way your fingertips naturally find its Quick Control Dial, Electronic Input Dial and Command Dial. All controls and displays are positioned for easy operation, with fewer combined switch functions. With its seven custom function controls, you can even "fine-tune" the EOS Elan to your every need.

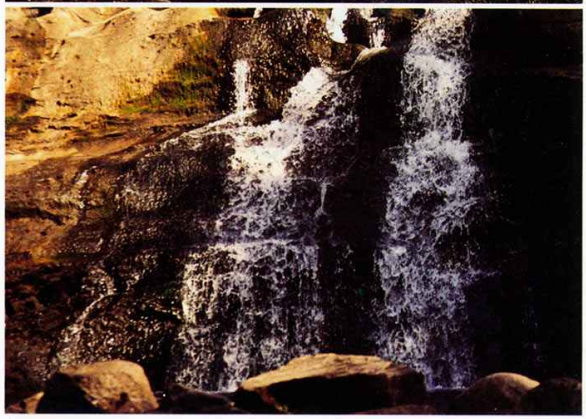
QUICK CONTROL DIAL AND ELECTRONIC INPUT DIAL

The EOS Elan features superior exposure control operability, with the same twin-dial system used on our most advanced EOS models. With the Quick Control Dial and Electronic Input Dial, you can effortlessly adjust apertures, shutter speeds or even exposure compensation in the standard AE modes. By following the exposure indicators displayed in the viewfinder, you don't even have to take your eye off your subject!



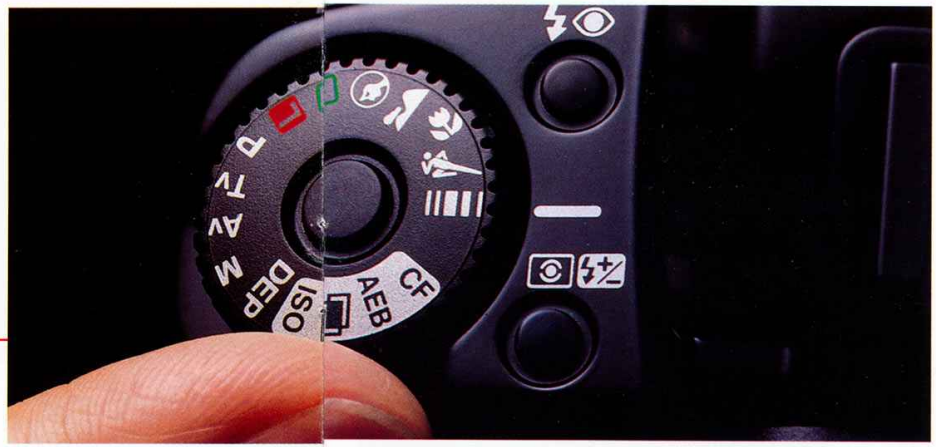
EOS Elan's simplified control layout features Canon's Quick Control Dial to set aperture values in manual mode or exposure compensation amounts in standard AE modes.

Use the Electronic Input Dial for shutter speed and aperture control according to your selected shooting mode.



COMMAND DIAL

The Command Dial does, indeed, put a wide range of options at your command. With it, you can directly select not only shooting modes, but more sophisticated exposure control options, as well.

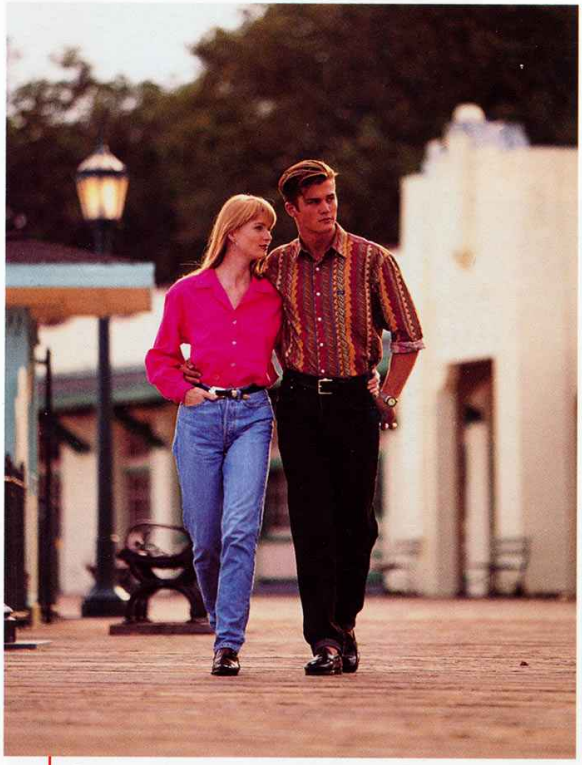


EOS Elan Command Dial offers fast, direct access to shooting modes and exposure controls.

VERSATILE EXPOSURE MODES

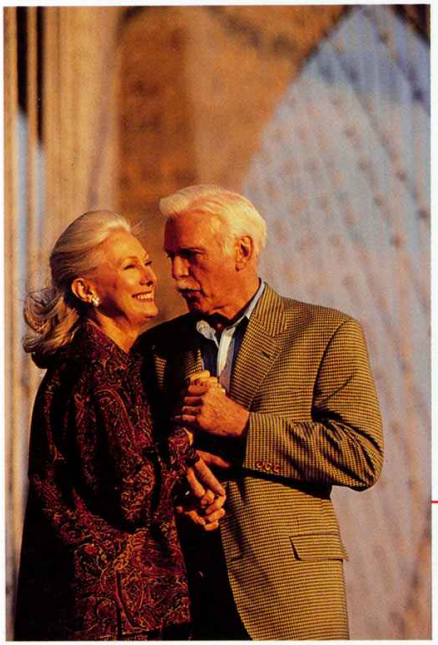
The EOS Elan gives you your choice of fully automatic, automatic with manual override, or manual operation for virtually every shooting situation.

Intelligent Program AE — Selects the best shutter speed and aperture value for every exposure. With the variable program shift function you can manually override the camera's decisions.



Fully automatic enhanced Green Zone AE.

Shutter-priority AE — Matches the shutter speed you choose — from 30 seconds to 1/4000 of a second — with the proper aperture.



Aperture-priority AE — Choose the aperture value you want; the EOS Elan matches it with the optimum shutter speed.

Depth-of-field AE — Automatically sets an aperture and focus point to let you define each shot's focus range. Emphasize the foreground, background, or opt for a broad focus range to keep your entire composition in sharp focus.

Metered Manual — Gives you total control over both shutter speed and aperture.

PROGRAMMED IMAGE CONTROLS

PIC modes cover four common photographic situations to make shooting them both creative and convenient. Just set the Command Dial to the symbol that corresponds to the situation: portrait, landscape, sports or close-up. A preset combination of autofocus, custom program, light metering and film transport is automatically activated to match that shooting situation.

Close-up

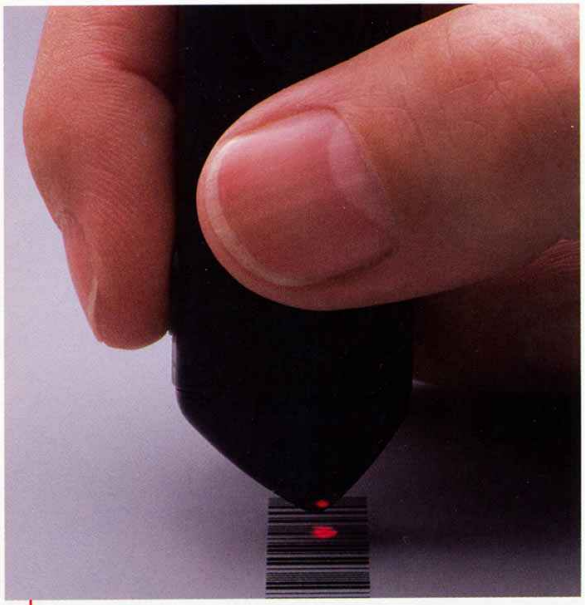
Landscape

Sports

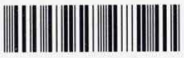
Portrait

EXPANDED BAR CODE PROGRAMMING SYSTEM

With its optional bar code programming, you can input the EOS Elan with up to five bar code programs, to get automatic camera operations for an even wider range of shooting situations. The bar code setting on the Command Dial will accept one input program, plus you can override any or all four of the PIC modes with bar code programs. (Original PIC modes are easily restored by inputting a "clear" bar code program.) With this expanded programming capability — its streamlined input process — you can easily achieve even more advanced effects!

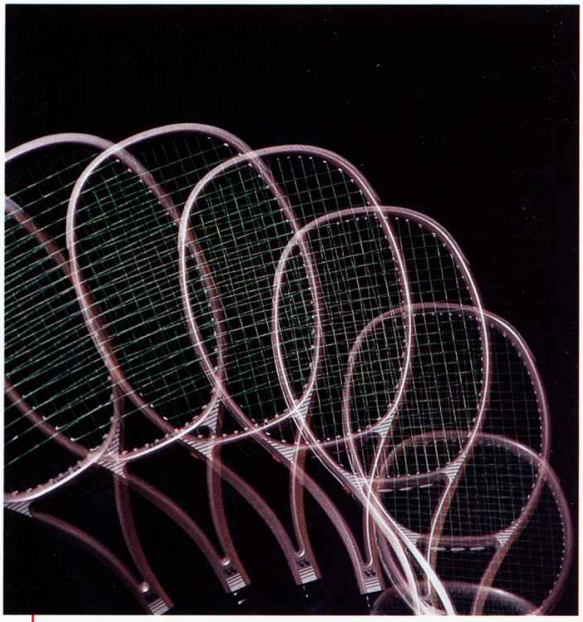


Just find the sample of the photograph you want to take in the bar code booklet. Select it with the bar code reader, then input it into the camera. The EOS Elan automatically sets all functions to ensure the desired results.



ADVANCED EXPOSURE OPTIONS

You can even select sophisticated exposure control modes like Automatic Exposure Bracketing and Multiple Exposure with the Command Dial.



Multiple Exposure — records up to nine images on a single frame.

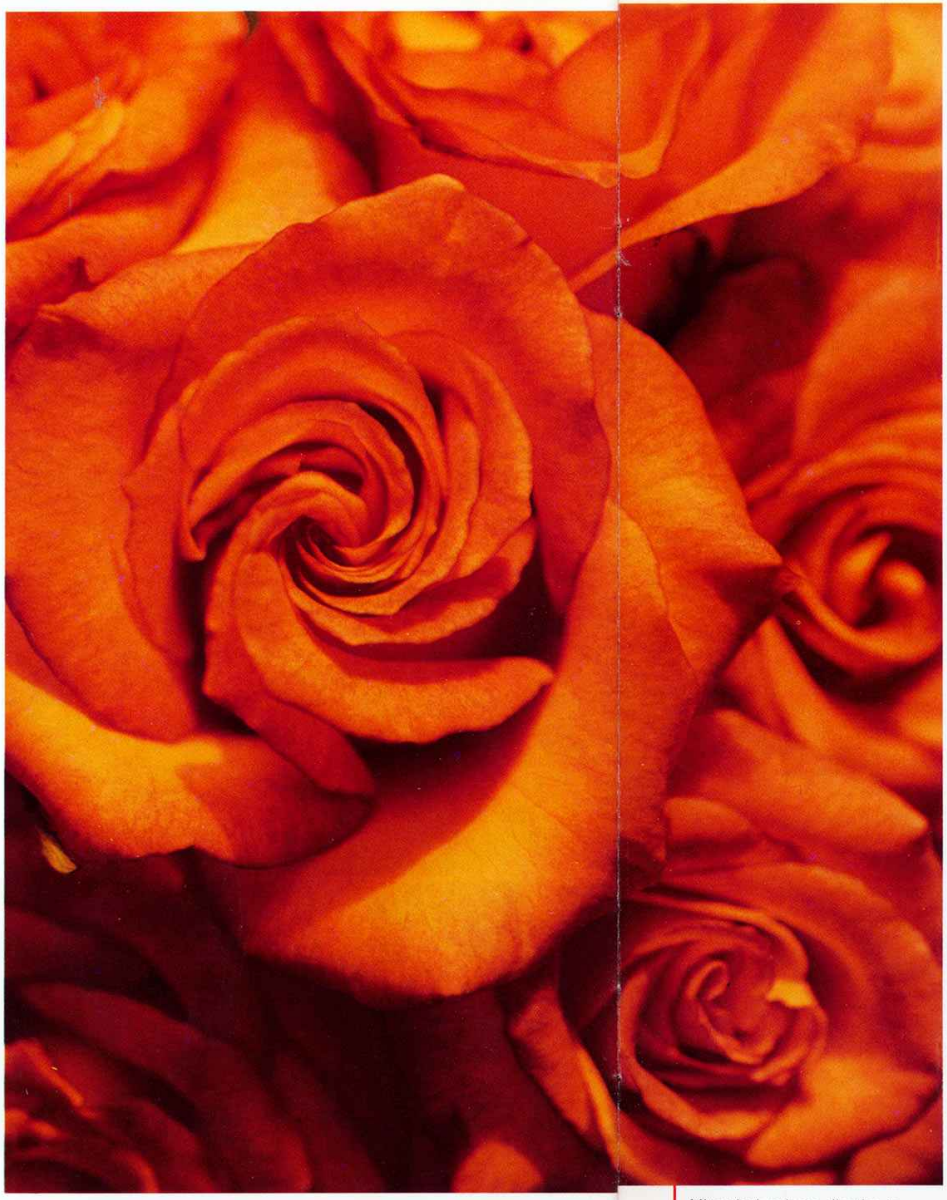
Automatic Exposure Bracketing — makes three exposures of the same scene — one under, one correctly exposed and one over. You can vary the amount of under and overexposure by up to 2 steps, in 1/2-step increments.

THREE METERING PATTERNS

Six-zone Evaluative Metering *Analyzes six separate areas of the viewfinder image, then "weighs" them to determine optimum exposure for backlit and other difficult situations.*

Partial Metering *Limits the light being measured to the central 6.5% area of the viewfinder, for pinpoint accuracy when metering highlights, shadows or subjects surrounded by very bright or very dark backgrounds.*

Center-weighted Average Metering *Emphasizes the center of the viewfinder area — where your main subject is most likely to be — for optimum results in conventional lighting situations.*



Mirror lock reduces vibration to ensure greater clarity for nature, macro, and slow-shutter photography, or when a long telephoto lens is used.

CUSTOM FUNCTION CONTROLS

Seven custom function controls let you tailor the EOS Elan to your specific performance needs, for a level of versatility and a level of response, that must be experienced to be believed. Enjoy advanced performance features such as depth-of-field preview and mirror lock before exposure. Exercise greater creative control, by cancelling the automatic film speed or AF auxiliary light. Reduce noise levels further, by cancelling the automatic film rewind or AF in-focus and self-timer operation beep tones. Or you can activate second-curtain sync with the built-in flash, for unusual flash photographs. The EOS Elan can be everything you want it to be.

EXPERIENCE EXPANDED CREATIVE VISION, WITH CANON EOS LENSES AND ACCESSORIES

From lenses to flash units to extension grips, the Canon EOS system offers everything you'll need to satisfy your creative — and performance — demands. Work with your authorized Canon dealer to customize a high-performance EOS Elan-based system for your individual needs.

USM LENS SERIES

The ultrasonic motor used in Canon's USM lenses provides a quiet lens drive which complements the EOS Elan's quiet motor drive. Combining precision Canon optics with precision AF response, these lenses make the most of the EOS Elan's programming and performance features. From the ultra-wide 14mm f2.8L to the super telephoto 600mm f4.0L, including the EF 28-80mm f3.5-5.6 and the 100mm f2.0, Canon offers USM lenses to handle an extensive variety of shooting situations. USM zoom lenses in particular are an outstanding value for any photographer, offering the versatility of several lenses in one.

EF 14mm f2.8L, 28-80mm f3.5-5.6 and 100mm f2.0 are three of Canon's ultra-fast, ultra-quiet ultrasonic lenses.

EF LENSES

Famous for delivering excellent contrast, color clarity and balance, Canon's extensive range of EF lenses feature superior optics and engineering. From fisheye to super telephoto, Canon has EF models to handle virtually every shooting situation, including specialty lenses for your specialized applications.

EF LENSES

CANON EF LENSES	Focus Drive	Angle of View	Groups/ Elements	Minimum Aperture (f)
SINGLE FOCAL LENGTH				
Fisheye EF 15mm f2.8	AFD	180°	7-8	22
EF 14mm f2.8L (USM)	Ultrasonic	114°	10-13	22
EF 20mm f2.8 (USM)	Ultrasonic	94°	9-11	22
EF 24mm f2.8	AFD	84°	10-10	22
EF 28mm f2.8	AFD	75°	5-5	22
EF 35mm f2.0	AFD	63°	5-7	22
EF 50mm f1.0L (USM)	Ultrasonic	46°	9-11	16
EF 50mm f1.4 (USM)+	Ultrasonic	46°	6-7	22
EF 50mm f1.8II	MM	46°	5-6	22
EF 85mm f1.2L (USM)	Ultrasonic	28° 30'	7-8	16
EF 85mm f1.8 (USM)	Ultrasonic	28° 30'	7-9	22
EF 100mm f2.0 (USM)	Ultrasonic	24°	6-8	22
EF 135mm f2.8 w/SoftFocus	AFD	18°	6-7	32
EF 200mm f1.8L (USM)	Ultrasonic	12°	10-12	32
EF 200mm f2.8L (USM)	Ultrasonic	12°	7-9	32
EF 300mm f2.8L (USM)	Ultrasonic	8° 15'	7-9	32
EF 300mm f4.0L (USM)	Ultrasonic	8° 15'	7-8	32
EF 400mm f2.8L (USM)	Ultrasonic	6° 10'	9-11	32
EF 400mm f5.6L (USM)+	Ultrasonic	6° 10'	6-7	32
EF 500mm f4.5L (USM)	Ultrasonic	5°	6-7	32
EF 600mm f4.0L (USM)	Ultrasonic	4° 10'	8-9	32
MACRO				
EF 50mm f2.5 Compact Macro	AFD	46°	8-9	32
EF 100mm f2.8 Macro	MM	24°	9-10	32
TILT SHIFT *				
TS-E 24mm f3.5L	Manual	84°	9-11	22
TS-E 45mm f2.8	Manual	51°	9-10	22
TS-E 90mm f2.8	Manual	27°	5-6	32
EXTENDERS				
EF 1.4x**	–	–	4-6	–
EF 2x**	–	–	5-7	–
Life Size Converter EF***	–	–	3-4	–
ZOOMS				
EF 20-35mm f2.8L	AFD	94° - 63°	12-15	22
EF 28-80mm f3.5-5.6 (USM)	Ultrasonic	75° - 30°	9-10	22-38
EF 28-80mm f2.8-4.0L (USM)	Ultrasonic	75° - 30°	11-15	22
EF 28-105mm f3.5-4.5 (USM)	Ultrasonic	75° - 23° 30'	12-15	22-29
EF 35-80mm f4.0-5.6 (USM)	Ultrasonic	63° - 30°	8-8	22-32
EF 35-80mm f4.0-5.6	MM	63° - 30°	8-8	22-32
EF 35-105mm f4.5-5.6 (USM)	Ultrasonic	63° - 23° 30'	12-13	22-29
EF 35-105mm f4.5-5.6	MM	63° - 23° 30'	12-13	22-27
EF 35-135mm f4.0-5.6 (USM)	Ultrasonic	63° - 18°	12-14	22-32
EF 35-350mm f3.5-5.6 (USM)	Ultrasonic	63° - 3° 30'	15-21	22-32
EF 70-210mm f3.5-4.5 (USM)	Ultrasonic	34° - 11° 20'	10-14	27-32
EF 75-300mm f4.0-5.6	MM	32° - 8° 15'	9-13	32-45
EF 75-300mm f4.0-5.6 (USM)	Ultrasonic	32° - 8° 15'	9-13	32-45
EF 80-200mm f4.5-5.6	MM	30° - 12°	7-10	22-27
EF 80-200mm f4.5-5.6 (USM)	Ultrasonic	30° - 12°	7-10	22-27
EF 80-200mm f2.8L	AFD	30° - 12°	13-16	32
EF 100-300mm f4.5-5.6 (USM)	Ultrasonic	24° - 8° 15'	10-13	32
EF 100-300mm f5.6L	AFD	24° - 8° 15'	10-15	32

Note: Lenses marked (USM) use Canon's Ultrasonic Motor for focusing. Lenses marked AFD use Canon's Arc Form Drive; Lenses marked MM use Canon's MicroMotor. DI = Drop-in Filter, # = With Hood Adapter 62 –
* TS-E Lenses are manual focus with automatic diaphragm.

Closest Focusing Distance (ft.)	Closest Focusing Distance (m)	Filter Size (mm)	Lens Hood	Length (in.)	Length (mm)	Weight (oz.)	Weight (g)
0.7	0.2	Gelatin	Built-In	2-7/16	62.2	11.6	330
0.8	0.25	Gelatin	Built-In	3-1/2	89.0	19.8	560
0.8	0.25	72mm	EW-75	2-13/16	70.6	17.5	500
0.8	0.25	58mm	EW-60	1-7/8	48.5	9.5	270
1.0	0.3	52mm	EW-65	1-11/16	42.5	6.5	185
0.8	0.25	52mm	EW-65	1-11/16	42.5	7.4	210
2.0	0.6	72mm	ES-79	3-3/16	81.5	2.2 lb.	985
1.5	0.45	58mm	ES-71	2-15/16	73.8	10.1	290
1.5	0.45	52mm	ES-62	1-5/8	41.0	4.6	130
3.1	0.95	72mm	ES-79	3-5/16	84.0	2.3 lb.	1,025
2.9	0.85	58mm	ET-65II	2-13/16	71.5	15.4	440
2.9	0.9	58mm	ET-65II	2-7/8	73.5	16.1	460
4.3	1.3	52mm	ET-62II	3-7/8	98.4	13.8	390
8.2	2.5	48mm DI	ET-123	8-3/16	208	6.6 lb.	3,000
4.9	1.5	72mm	Built-In	5-3/8	136.2	1.7 lb.	790
9.8	3.0	48mm DI	ET-118	9-9/16	253	6.3 lb.	2,855
8.2	2.5	77mm	Built-In	8-3/8	213.5	2.6 lb.	1,165
13.2	4.0	48mm DI	ET-161B	13-3/4	348	13.5 lb.	6,100
11.5	3.5	77mm	Built-In	10-1/16	256	2.7 lb	1,250
16.4	5.0	48mm DI	ET-123B	15-3/8	390	6.6 lb.	3,000
19.7	6.0	48mm DI	ET-161	18	456	13.2 lb.	6,000
0.75	0.23	52mm	None	2-1/2	63	9.9	280
1.0	0.3	52mm	None	4-1/8	105.5	1.4 lb.	650
1.0	0.3	72mm	EW-75B	3-7/16	87	1.2 lb.	570
1.4	0.4	72mm	EW-79B	3-9/16	90	1.4 lb.	645
1.6	0.5	58mm	ES-65II	3-7/16	88	1.2 lb.	565
–	–	–	–	1-1/16	27.3	7.1	200
–	–	–	–	2	50.5	8.5	240
–	–	–	–	1-3/6	34.9	5.6	160
1.6	0.5	72mm	EW-75	3-1/2	89	1.2 lb.	540
1.6	0.5	58mm	EW-68A	3-1/16	77.5	11.7	330
1.6	0.5	72mm	EW-79	4-3/4	120	2.1 lb.	945
1.6	0.5	58mm	EW-63	2-15/16	75	12.78	365
1.2	0.37	52mm	EW-54	2-3/8	61	6.0	170
1.2	0.37	52mm	EW-62#	2-3/8	61	6.7	190
2.9	0.85	58mm	EW-60B	2-1/2	63	9.9	280
2.9	0.85	58mm	EW-68A	2-1/2	63	9.9	280
2.5	0.75	58mm	EW-62	3-3/8	86	15	425
2.2	0.67	72mm	EW-78	6-9/16	167.4	47.25	1,350
3.9	1.2	58mm	ET-65II	4-3/4	121	1.2 lb.	550
4.9	1.5	58mm	ET-65II	4-3/4	122	1.1 lb.	500
4.9	1.5	58mm	ET-60	4-3/4	122	1.1 lb.	495
4.9	1.5	52mm	ET-62II#	3-1/16	78	9.3	265
4.9	1.5	52mm	ET-54	3-1/16	78	9.1	260
5.9	1.8	72mm	ES-79	7-5/16	186	2.9 lb.	1,330
4.9	1.5	58mm	ET-65II	4-3/4	121	1.2 lb.	540
4.6	1.4	58mm	ET-62II	6-9/16	167	1.5 lb.	695

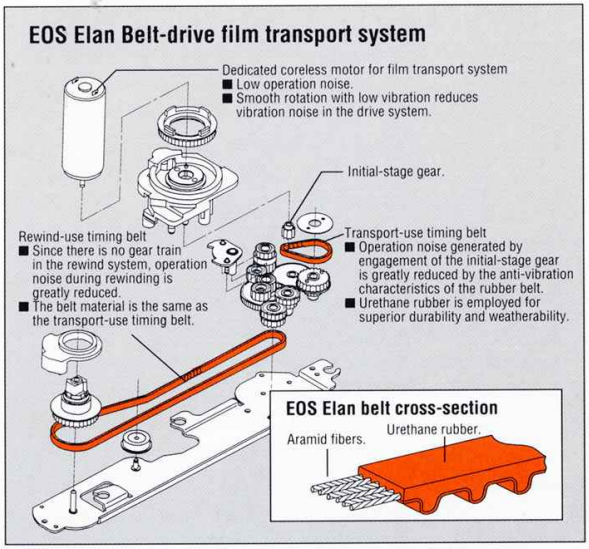
** Extenders EF1. 4x & EF 2x are for exclusive use with EF 200mm f1.8L, 200mm f2.8L, 300mm f2.8L, 300mm f4.0L, 400mm f2.8L, 500mm f4.5L & 600mm f4.0L
(Manual Focus only when Extender EF 1.4x is used with EF 500mm f4.5L or when Extender EF 2x is used with EF 300mm f4.0L, 500mm f4.5L & 600mm f4.0L.)
*** Life Size Converter EF is for exclusive use with EF 50mm f2.5 Compact Macro. + Available soon.

CANON EOS ELAN ACCESSORIES

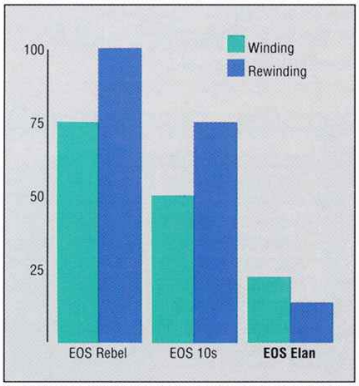
Speedlite Flash Units	430EZ; 300EZ; 200E; Macro Ring Lite ML-3; Off-Camera Shoe Cord; Modular Off-Camera TTL Flash Accessories
Camera Cases	Snap Case SA-4; Semi-Hard Case EH6-L; Semi-Hard Case EH6-LL
Grip Extension	GR-70 (supplied with wrist strap)
Viewfinder Accessories	Eye Cup Eb; Dioptric Adjustment Lenses Series E; Angle Finder B; Magnifier S
Filters	Circular Polarizing Filters: 48mm Drop-in, 52mm, 58mm, 72mm; 48mm Drop-in Gelatin Filter Holder II; Gelatin Filter Holder Series E: 52mm, 58mm, or 72mm
Bar Code Accessories	Bar Code Reader E, EOS Photo Files Booklet, EOS Bar Codes 101 Booklet
Remote Control Accessories	Remote Controller RC-1

A NEW TECHNOLOGY

WHISPER DRIVE QUIET FILM TRANSPORT



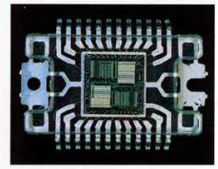
The Canon EOS Elan uses a new belt-drive film transport system to power the automatic film load, advance and rewind functions. This innovative design incorporates a sprocketless winding system with two dedicated miniature coreless motors and a pair of reinforced urethane rubber belts. A primary feature of the belt material is its resistance to hardening in low temperatures. The belt core contains aramid fiber cords for increased durability. This new quiet film transport system provides high advance speeds with low noise levels. With it, Canon is able to make significant noise level reductions over previous EOS camera models.



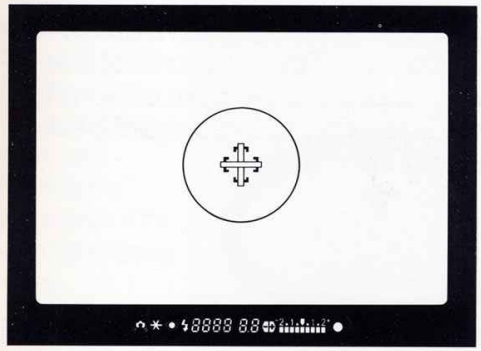
This graph compares the noise levels of each model with the EOS Rebel set equal to 100. (A level of 50 would therefore be equivalent to 1/2 the film transport noise level of the EOS Rebel, while a level of 25 would be equivalent to 1/4 the EOS Rebel noise level.)

CROSS BASIS AF SENSOR

The EOS Elan drives its AF functions with a TTL-CT-SIR (TTL Cross-Type Secondary Image Registration) phase detection system. This system splits light rays into four beams — two horizontal and two vertical — that form images on the surfaces of four sensors. Focus is determined first by comparing the differences in the data received by the two pairs of images, then by deciding which is more reliable. Once this has been determined — a matter of microseconds —the lens motor focuses the lens.



Canon's exclusive Cross-Type BASIS (Base-Stored Image Sensor) provides superb accuracy, high efficiency, and reliable operation down to EV 0. It consists of two 40-bit horizontal line sensors and two 30-bit vertical line sensors, plus associated circuitry housed in a clear-molded package. An amplifier is integrated with each individual sensor element to enhance signal quality and accelerate operational speed.

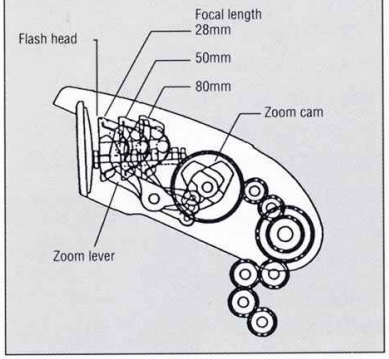


Actual ranging area of Cross-Type BASIS sensor.

ADVANCED TECHNOLOGY

AUTOZOOM FLASH

EOS Elan Zoom mechanism for built-in flash



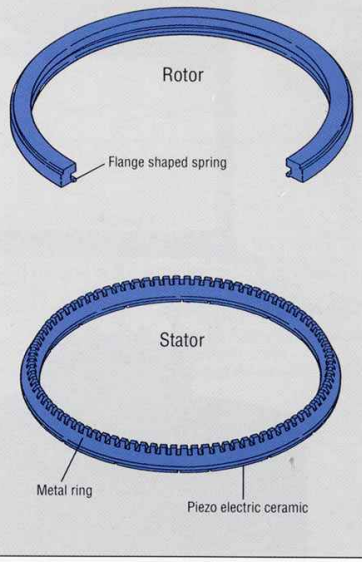
Canon has further refined the characteristics of the EOS Elan's built-in retractable flash to improve performance. This includes adding an autozoom function, which responds automatically to focal length information provided by all Canon EF lenses. Data received through the fully electronic EF lens mount automatically activates the flash's internal zoom mechanism, which then provides a flash coverage angle equivalent to a 28mm, 50mm, or 80mm lens.

In addition to providing the optimum angle of coverage for all flash pictures, autozoom enables the flash to produce twice as much output at the 80mm setting compared to the 28mm position. The effective flash-to-subject distance range is consequently increased by up to 50% compared to built-in flash units without a zoom mechanism.

USM LENS DRIVE

The Ultrasonic Motor (USM) used in selected Canon EF lenses is a direct drive system with no gearing units and no mechanical couplings between the lens and camera body, and its focusing operation is astonishingly quick. The ring-shaped USM motor achieves great compactness and operational simplicity with low rotational speed and high torque. Beyond being fast, focusing operation is also extremely precise and virtually noiseless.This innovative drive technology is the perfect complement for Canon's fully electronic EF lens mount. As opposed to AF lenses that are externally driven and controlled, the lenses of the EOS system have built-in focusing motors and a micro-processor that makes decisions based on its own processing. This makes it possible to drive the lens motor very rapidly, provides a high level of precision control, and optimizes the performance of the entire autofocusing system.

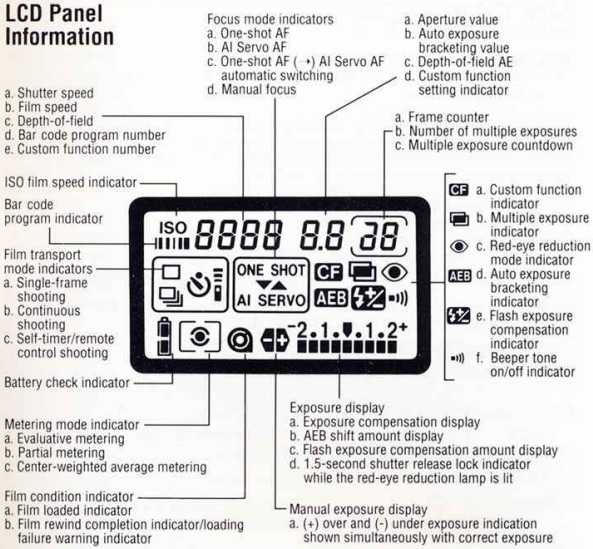
Canon Ultrasonic Motor (USM)



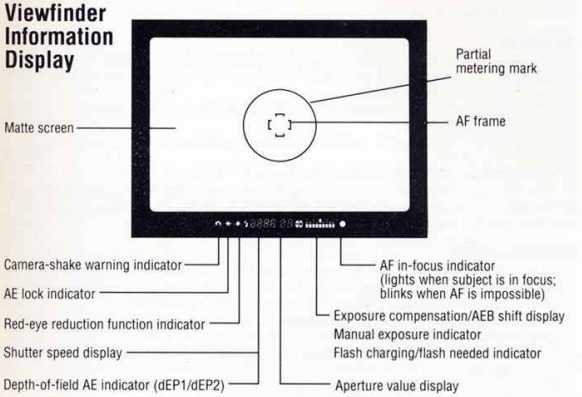
SPECIFICATIONS

Nomenclature

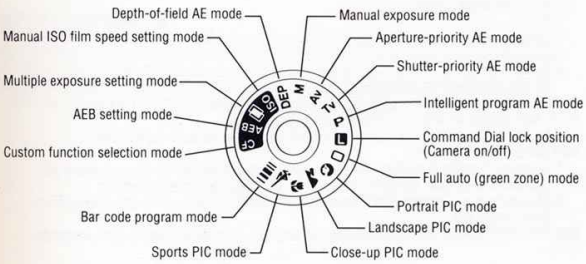
LCD Panel Information



Viewfinder Information Display



Command Dial



SPECIFICATIONS

TYPE AND MAJOR COMPONENTS
TYPE: 35mm focal plane shutter SLR (Single-Lens Reflex) camera with autofocus, auto exposure, built-in motor drive and built-in flash.
USABLE LENSES: Canon EF lenses.
VIEWFINDER: Fixed eye-level pentaprism. Gives 90% vertical and horizontal coverage of actual picture area and 0.75x magnification with 50mm lens at infinity. Eyepoint: 20mm.
DIOPTRIC ADJUSTMENT: Built-in eyepiece is adjusted to standard -1 diopter. Additional diopter correction lenses available.
FOCUSING SCREEN: Fixed, full-surface matte screen with AF frame.
VIEWFINDER INFORMATION: Displayed within picture area:
1. AF frame; 2. Partial metering mark.
Displayed at the bottom of the viewing area:
1. 7-segment LCD digit and character display

(1) Shutter speed — blinks at 2Hz for out-of-coupling range warning.
(2) Aperture value — blinks at 2Hz for out-of-coupling range warning.
(3) Depth-of-field AE — dEP1, dEP2.
(4) Camera-shake warning — blinks at 2Hz.
(5) Dot scale exposure display "2.1.0.1.2" — shows exposure compensation amounts in 1/2-step increments.
(6) Flash-charge completion program indicator — blinks when flash is necessary in full auto mode and bar code modes.
(7) Red-eye reduction indicator — lights when red-eye reduction mode is set.
(8) AF in-focus indicator • — blinks at 2Hz when focus is impossible.
(9) Manual exposure — shows overexposure, underexposure and correct exposure.

SHUTTER: Vertical-travel, focal plane shutter with soft-touch electromagnetic release and all speeds electronically controlled.
SHUTTER SPEED: 1/4000 - 30 sec. and bulb. X-sync, 1/125 sec. Can be set in 1/2-step increments.
MIRROR: Quick-return half-mirror.

AUTOFOCUS
TYPE: TTL-CT-SIR (Cross-Type Secondary Image Registration) phase detection system.
FOCUSING MODES: 1) One-shot AF; 2) AI Servo AF with Focus Prediction; 3) One-shot AF/AI Servo AF auto switching mode;4) Manual focus.
AF OPERATION: Activated when shutter button is pressed halfway. AF completion indicated by viewfinder LCD and beeper tone.
OPERATION SPEED: Approx. 0.3 sec., infinity to closest shooting distance, when using standard EF 28-80mm f3.5-5.6 USM lens.
AF WORKING RANGE: EV 0-18 at ISO 100.
AF AUXILIARY LIGHT: Automatically projected when necessary. Light through an LED (peak sensitivity: 695nm) coupled to the focusing point. Effective distance range: 1 - 7m/3.3 - 23 ft. When an external EOS flash unit is attached, external unit's AF auxiliary light is given priority over camera's.

EXPOSURE CONTROL
LIGHT METERING: TTL full aperture metering using 6-zone SPC (Silicon Photocell). Three metering patterns availabie:
1) 6-Zone evaluative metering
2) Partial metering (approx. 6.5% of central picture area)
3) Center-weighted average metering.
METERING RANGE: EV -1 to 20 at normal temperature (Conversion with 50mm f1.4 at ISO 100).
EXPOSURE MODES:
1. Intelligent program AE (shiftable)
2. Shutter-priority AE (without safety shift function)
3. Aperture-priority AE (without safety shift function)
4. Depth-of-field AE (shiftable)
5. Full auto Green Zone AE
6. Bar code program
7. Programmed Image Control:
   1) Portrait
   2) Landscape
   3) Close-up
   4) Sports
   (can be replaced with bar code programs)
8. A-TTL flash program AE with 300EZ and 430EZ Speedlites
9. TTL flash program AE with built-in flash and all EOS Speedlites
10. Manual (Shutter speed set via electronic input dial; aperture set via Quick Control Dial)
EXPOSURE COMPENSATION:
   1) Automatic Exposure Bracketing: Three continuous exposures are taken in sequence; one at the standard metered value, one under, and one over. +/- 2 steps in 1/2-step increments.
   2) Manual Exposure Compensation: Possible within range of +/-2 steps in 1/2-step increments via Quick Control Dial.
MULTIPLE EXPOSURES: Up to nine exposures can be preset. Automatically cleared upon completion.

FILM TRANSPORT
FILM SPEED SETTING:
ISO 25-5000 automatically set in 1/3 step increments according to DX code. Can also be set manually from ISO 6-6400 in 1/3 step increments.
FILM LOADING: Automatic via sprocketless winding system.
FILM WIND: Automatic via belt-drive, quiet film transport system. Two modes available: single frame, and continuous at up to 3fps in One-shot AF mode, 2.5fps in AI Servo AF mode and 3fps in manual mode.
FILM REWIND: Automatic. (approx. 12 sec. with 36-exp film at normal temperature.) Mid-roll rewind also possible.
FILM TRANSPORT CONFIRMATION: By up/down counting of frame counter in LCD panel.

BUILT-IN FLASH
TYPE: Built-in retractable TTL automatic flash is manually activated by pressing flash button. Cannot be combined with an external flash. Automatic controls reduce flash output in bright situations using fill-in flash. User-controlled flash compensation and second-curtain sync possible.
FLASH AE CONTROLS: TTL automatic flash control by metering light reflected off film plane. In program AE modes, flash aperture is set according to TTL program. In aperture-priority AE and manual, user sets flash AE aperture. In shutter-priority AE, aperture is automatically set according to surrounding brightness and selected shutter speed. X-sync shutter speed set to 1/60 - 1/125 sec. in program AE modes; 30 sec. - 1/125 sec. in aperture-priority AE, according to surrounding brightness and selected aperture value. Set by user to 1/125 sec. or slower (in 1/2-step increments) in shutter-priority and manual modes.
FLASH COVERAGE ANGLE: Flash automatically zooms to coverage angles equivalent to 28mm, 50mm or 80mm, according to lens focal length.
GUIDE NUMBER: 12-17/m (39-56/ft. at ISO 100).
FLASH COUPLING RANGE: 28-80 USM range with built-in flash using ISO 100 color negative film.
WIDE (28mm): 1 - 3.7m/3.3 - 12.2 ft.
TELE (80mm): 1 - 3.2m/3.3 - 10.6 ft.
FLASH DURATION: 1.0 ms or less.
RECYCLING TIME: Approx. 2 sec. Shutter release locks while flash is charging. ϟ symbol lights in viewfinder when charge is complete.
COLOR TEMPERATURE: Equivalent to daylight.
RED-EYE REDUCTION MODE: Activated by pressing the flash switch/red-eye reduction mode button ON when the flash is popped-up. Cancelled by pressing button again.
POWER SOURCE: Same as camera body.

POWER SOURCE
BATTERY: One six-volt lithium battery pack (2CR5).
BATTERY CHECK: Automatic when Command Dial is released from "L" position. Condition indicated by a 4-step display on the LCD panel.
SHOOTING CAPACITY: Approx. 30 rolls 24-exp. film with 50% flash use at normal temperatures. 13 rolls at low temperatures, -20° C/-4° F.

OTHER
CAMERA SHAKE WARNING: Warning symbol in viewfinder blinks at 2Hz whenever calculated shutter speed falls below 1/lens focal length, minus 0-0.5 step.
CUSTOM FUNCTIONS: User can customize standard camera operations with these options: 1) Manual rewind at end of film; 2) Second-curtain flash sync timing; 3) Manual film speed setting; 4) AF auxiliary light prohibited; 5) Depth-of-field check; 6) Beeper tones cancelled; 7) Mirror lock up in self-timer or 2-second delay remote control. To set custom functions, turn Command Dial to "CF" position, select option via electronic input dial, then press AE lock button.
BAR CODE PROGRAMS: Can be input into camera via optional encoder and book, when camera is in bar code mode or any of the Programmed Image Control modes. (Programmed Image Control modes can be restored to their original programs by inputting "clear" bar code.)
REMOTE CONTROL: Possible with optional Remote Controller unit. Controls shutter-release from up to 16 ft. away, with 2-second or no delay.
SELF-TIMER: Electronically controlled with a 10-sec. delay. Operation indicated by beeper tone.
DATA DISPLAY: In the viewfinder and LCD display panel.

DIMENSIONS
SIZE: 154.2(W) x 105.0(H) x 69.1(D) mm. Body depth: 53.00mm
WEIGHT: 20.1 oz/570g without battery. 21.5 oz/610g with battery. All data are based on Canon's Standard Test Method. Subject to change without notice.

IMPORTANT INFORMATION
The Canon EOS Elan will give optimum performance together with specially designed Canon EF lenses, flash units and other Canon brand accessories. It is possible that the use of incompatible lenses or other accessories may result in unsatisfactory performance or damage to your Canon EOS Elan. We therefore suggest the use of Canon EF lenses and accessories. Damage to the Canon EOS Elan, as a result of malfunction or improper connections caused by the use of incompatible products may void its warranty.