

	Canon EOS 650	Canon EOS 620	Canon EOS 600	Canon EOS RT
Market launch	March 1987	May 1987	April 1989	October 1989
Type	35mm focal-plane shutter multi-mode AF SLR camera	35mm focal-plane shutter multi-mode AF SLR camera	35mm focal-plane shutter multi-mode AF SLR camera	35mm focal-plane shutter multi-mode AF SLR camera
Picture Size	24 x 36 mm	24 x 36 mm	24 x 36 mm	24 x 36 mm
Lens Mount	EF mount	EF mount	EF mount	EF mount
AF System	TTL phase detection. AF modes: One-Shot AF and Continuous AF (release-priority). AF operating range at ISO 100: EV 1 – 18.	TTL phase detection. AF modes: One-Shot AF and Continuous AF (release-priority). AF operating range at ISO 100: EV 1 – 18.	TTL phase detection. AF modes: One-Shot AF and Continuous AF (release-priority). AF operating range at ISO 100: EV 1 – 18.	TTL phase detection. AF modes: One-Shot AF and predictive AI Servo AF. AF operating range at ISO 100: EV 1 – 18.
Shutter	Vertical-travel, focal-plane electronic shutter. 30 sec. – 1/2000 sec., B. X-sync at 1/125 sec. (hot shoe). Built-in electronic self-timer (with blinking LED).	Vertical-travel, focal-plane electronic shutter. 30 sec. – 1/4000 sec., B. X-sync at 1/250 sec. (hot shoe). Built-in electronic self-timer (with blinking LED).	Vertical-travel, focal-plane electronic shutter. 30 sec. – 1/2000 sec., B. X-sync at 1/125 sec. (hot shoe). Built-in electronic self-timer (with blinking LED).	Double-blind, vertical-travel, focal-plane electronic shutter. 30 sec. – 1/2000 sec., B. X-sync at 1/125 sec. (hot shoe). Built-in electronic self-timer (with beeper).
Viewfinder	Fixed eye-level pentaprism. 0.8x magnification and 94% coverage. New Laser Matte Screen.	Fixed eye-level pentaprism. 0.8x magnification and 94% coverage. New Laser Matte Screen.	Fixed eye-level pentaprism. 0.8x magnification and 94% coverage. New Laser Matte Screen. Seven interchangeable focusing screens.	Fixed eye-level pentaprism. 0.8x magnification and 94% coverage. Seven interchangeable focusing screens. (The fixed, semi-silvered mirror is coated with a 20/1000mm ultra-thin, vapor-deposited Mylar film.) New Laser Matte screen is standard.
Viewfinder Information	AF mark, in-focus indicator, partial metering circle, manual, partial metering display (AE lock), shutter speed, aperture setting, depth-of-field AE, flash ready, and exposure compensation.	AF mark, in-focus indicator, partial metering circle, manual, partial metering display (AE lock), shutter speed, aperture setting, flash ready, and exposure compensation	AF mark, in-focus indicator, partial metering circle, manual, partial metering display (AE lock), depth-of-field AE, exposure compensation amount, shutter speed, aperture setting, and flash ready.	AF mark, in-focus indicator, partial metering circle, manual, partial metering indicator (AE lock), depth-of-field AE, exposure compensation, shutter speed, aperture setting, flash ready, and other indications.
Metering & Exposure Control	Composite SPC for TTL full-aperture metering (6-zone evaluative or 6.5% partial at center) with shutter speed-priority AE, aperture-priority AE, program AE, depth-of-field AE, and match-needle manual. AE lock provided. Exposure compensation range of ±5 EV (in 1/2-stop increments). Metering range at ISO 100 and f/1.4: EV 1 – 20. Film speed range: ISO 6 to 6400.	Composite SPC for TTL full-aperture metering (6-zone evaluative or 6.5% partial at center) with shutter speed-priority AE, aperture-priority AE, shiftable program AE, and match-needle manual. AE lock provided. Autobracketing up to ±5 stops (in 1/2-stop increments), maximum 9 multiple exposures, and exposure compensation up to ±5 EV (in 1/2-stop steps) enabled. Metering range at ISO 100 and f/1.4: EV 1 – 20. Film speed range: ISO 6 to 6400.	Composite SPC for TTL full-aperture metering (6-zone evaluative or 6.5% partial at center) with shutter speed-priority AE, aperture-priority AE, Intelligent program AE, and match-needle manual. AE lock provided. Autobracketing up to ±5 stops (in 1/2-stop increments), maximum 9 multiple exposures, and exposure compensation up to ±5 EV (in 1/2-stop steps) enabled. Metering range at ISO 100 and f/1.4: EV 1 – 20. Film speed range: ISO 6 to 6400. Seven Programmed Image Control modes with different combinations of AF, AE, film advance mode, and program mode. Seven Custom Functions provided.	Composite SPC for TTL full-aperture metering (6-zone evaluative, center-weighted averaging [enabled with a Custom Function], and 6.5% spot metering at center) + shutter speed-priority AE, aperture-priority AE, Intelligent program AE, and metered manual. AE lock enabled. Autobracketing range of ±5 EV (in 1/2-stop increments). Maximum 9 multiple exposures. Exposure compensation range of ±5 EV (in 1/2-stop increments). Metering range at ISO 100 and f/1.4: EV -0.5 – 20. Film speed range: ISO 6 to 6400. * With evaluative metering, AE lock is set automatically at the same time as AF lock. Fifteen Custom Functions provided.
External LCD	Shutter speed, aperture setting, AF mode, film-loaded indicator, film transport, film advance-completed indicator, picture-taking mode, film advance mode, battery check, and other indications.	Shutter speed, aperture setting, AF mode, film-loaded indicator, film transport, film advance-completed indicator, picture-taking mode, autobracketing indicator and amount, multiple-exposure indicator and count, film advance mode, battery check, and other indications. Illumination (EL) provided.	Shutter speed, aperture setting, AF mode, film-loaded indicator, film transport, picture-taking mode, autobracketing indicator and amount, multiple-exposure indicator and count, film advance mode, battery check, and other indications.	AF mode, picture-taking mode, film advance mode, shutter speed, aperture setting, film-loaded indicator, film transport, autobracketing indicator and amount, multiple-exposure setting and countdown, battery check, and other indications. Release time lag: 100 mm/sec. (Standard mode) and 8 mm/sec. (RT mode).
Power Source	One 6 V 2CR5 lithium battery	One 6 V 2CR5 lithium battery	One 6 V 2CR5 lithium battery	One 6 V 2CR5 lithium battery
Film Loading & Advance	Align film leader at mark, then close the camera back for auto loading. Automatic film advance with built-in motor. Film advance modes (set with film advance mode button): Approx. 3 fps and single advance.	Align film leader at mark, then close the camera back for auto loading. Automatic film advance with built-in motor. Film advance modes (set with film advance mode button): Approx. 3 fps and single advance.	Align film leader at mark, then close the camera back for auto loading. Automatic film advance with built-in motor. Film advance mode C: Approx. 5 fps in One-Shot AF mode or approx. 2.5 fps in AI Servo AF mode. Film advance mode S: single advance	Align film leader at mark, then close the camera back for auto loading. Automatic film advance with built-in motor. Max. Film advance speed: approx. 5 fps (C and One-Shot AF), 3 fps (AI Servo AF), and single advance (S).
Film Rewind	Fully automatic with built-in motor. Midroll rewind enabled.	Fully automatic with built-in motor. Midroll rewind enabled.	Fully automatic with built-in motor. Midroll rewind enabled.	Fully automatic with built-in motor. Midroll rewind enabled.
Dimensions &	148 x 108 x 68 mm, 660 g	148 x 108 x 68 mm, 700 g	148 x 108 x 68 mm, 670 g	148 x 108 x 68 mm, 660 g

Weight				
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Significance/Meaning: green: identical for all cameras ---yellow and orange: only for these types of cameras ---blue: only for one type of camera --- All information without guarantee