

Canon

EOS *REBEL T7* EOS 1500D



Instruction Manual

Instruction manuals (PDF files) and software can be downloaded from the Canon Web site (p.4, 315).

www.canon.com/icpd



Specifications

• Type

Type:	Digital, single-lens reflex, AF/AE camera with built-in flash
Recording media:	SD memory card, SDHC memory card, SDXC memory card
Image sensor size:	Approx. 22.3 x 14.9 mm
Compatible lenses:	Canon EF lenses (including EF-S lenses) * Excluding EF-M lenses (35mm-equivalent angle of view is that of a lens with approx. 1.6x the focal length indicated.)
Lens mount:	Canon EF mount

• Image Sensor

Type:	CMOS sensor
Effective pixels:	Approx. 24.1 megapixels * Rounded to the nearest 100,000.
Aspect ratio:	3:2
Dust delete feature:	Dust Delete Data appending, Clean manually

• Recording System

Recording format:	Design rule for Camera File System (DCF) 2.0 JPEG, RAW (14-bit Canon original) RAW+JPEG Large simultaneous recording possible
Image type:	
Pixels recorded:	L (Large) : 24 megapixels (6000 x 4000) M (Medium) : Approx. 10.6 megapixels (3984 x 2656) S1 (Small 1) : Approx. 5.9 megapixels (2976 x 1984) S2 (Small 2) : Approx. 2.5 megapixels (1920 x 1280) S3 (Small 3) : Approx. 350,000 pixels (720 x 480) RAW : 24 megapixels (6000 x 4000) * Rounded to the nearest 100,000. (For the S3, rounded to the nearest 10,000.)
Create/select a folder:	Possible
File numbering:	Continuous, Auto reset, Manual reset

• Image Processing During Shooting

Picture Style:	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Def. 1 - 3
Basic+:	Ambience-based shots, Light/scene-based shots
White balance:	Auto (Ambience priority), Auto (White priority), Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom White balance correction, and White balance bracketing provided * Flash color temperature information transmission enabled

Noise reduction:	Applicable to long exposures and high ISO speed shots
Automatic image brightness correction:	Auto Lighting Optimizer provided
Highlight tone priority:	Provided
Lens peripheral illumination correction:	Provided

• **Viewfinder**

Type:	Eye-level pentamirror
Field of view coverage:	Vertical/Horizontal approx. 95% (with eyepoint approx. 21 mm)
Magnification:	Approx. 0.8x (-1 m^{-1} with 50mm lens at infinity)
Eyepoint:	Approx. 21 mm (from eyepiece lens center at -1 m^{-1})
Dioptric adjustment range:	Approx. $-2.5 - +0.5 \text{ m}^{-1}$ (dpt)
Focusing screen:	Fixed, Precision Matte
Mirror:	Quick-return type
Depth-of-field preview:	Enabled with Custom Function setting

• **Autofocus** (for viewfinder shooting)

Type:	TTL secondary image-registration, phase-difference detection with the dedicated AF sensor
AF points:	9-point (All AF points support f/5.6. Cross-type AF with center AF point.)
Focusing brightness range:	EV 0 - 18 (Center AF point) EV 1 - 18 (Other AF points) (With One-Shot AF, at room temperature, ISO 100)
AF operation:	One-Shot AF, AI Servo AF, AI Focus AF
AF-assist beam:	Small series of flashes fired by built-in flash

• **Exposure Control**

Metering modes:	63-zone TTL open-aperture metering <ul style="list-style-type: none"> • Evaluative metering (linked to all AF points) • Partial metering (approx. 10% of viewfinder at center) • Center-weighted average metering
Metering brightness range:	EV 1 - 20 (at room temperature, ISO 100)
Shooting mode:	Basic Zone modes: Scene Intelligent Auto, Flash Off, Creative Auto, Portrait, Landscape, Close-up, Sports, Food, Night Portrait Creative Zone modes: Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure

ISO speed (Recommended exposure index):	Basic Zone modes*: ISO 100 - ISO 3200 set automatically * Portrait: ISO 100
Exposure compensation:	Creative Zone modes: ISO 100 - ISO 6400 set manually (whole-stop increments), ISO 100 - ISO 6400 set automatically, maximum ISO speed settable for ISO Auto, or ISO expansion to "H" (equivalent to ISO 12800) Manual: ± 5 stops in 1/3- or 1/2-stop increments AEB: ± 2 stops in 1/3- or 1/2-stop increments (can be combined with manual exposure compensation)
AE lock:	Auto: Applied in One-Shot AF with evaluative metering when focus is achieved Manual: With AE lock button

• Shutter

Type:	Electronically-controlled, focal-plane shutter
Shutter speed:	1/4000 sec. to 30 sec. (Total shutter speed range. Available range varies by shooting mode.), Bulb, X-sync at 1/200 sec.

• Flash

Built-in flash:	Retractable, auto pop-up flash Guide No.: Approx. 9.2/30.2 (ISO 100, in meters/feet) or approx. 13/42.7 (ISO 200, in meters/feet) Flash coverage: Approx. 17mm lens angle of view Recharge time: Approx. 2 sec.
External Speedlite:	Compatible with EX-series Speedlites
Flash metering:	E-TTL II autoflash
Flash exposure compensation:	± 2 stops in 1/3- or 1/2-stop increments
FE lock:	Provided
PC terminal:	Not provided

• Drive System

Drive mode:	Single shooting, Continuous shooting, Self-timer with 10-sec. or 2-sec. delay and 10-sec. delay with continuous shooting
Continuous shooting speed:	Max. approx. 3.0 shots/sec.
Max. burst (Approx.):	JPEG Large/Fine: 150 shots RAW: 11 shots RAW+JPEG Large/Fine: 6 shots
	* Figures are based on Canon's testing standards (ISO 100 and Standard Picture Style) using an 8 GB card.

• Live View Shooting

Aspect ratio:	3:2, 4:3, 16:9, 1:1
Focus method:	Contrast detection (FlexiZone-Single, Face detection Live mode), Phase-difference detection (Quick mode) Manual focus (approx. 5x / 10x magnification possible)
Focusing brightness range:	EV 1 - 18 (at room temperature, ISO 100)
Metering mode:	Real-time metering with image sensor
Metering brightness range:	EV 0 - 20 (at room temperature, ISO 100)
Grid display:	Two types

• Movie Shooting

Recording format:	MOV
Movie:	MPEG-4 AVC/H.264 Variable (average) bit rate
Audio:	Linear PCM
Recording size and frame rate:	1920x1080 (Full HD): 30p/25p/24p 1280x720 (HD) : 60p/50p 640x480 (VGA) : 30p/25p * 30p: 29.97 fps, 25p: 25.00 fps, 24p: 23.98 fps, 60p: 59.94 fps, 50p: 50.00 fps
Bit rate:	1920x1080 (30p/25p/24p): Approx. 46 Mbps 1280x720 (60p/50p) : Approx. 46 Mbps 640x480 (30p/25p) : Approx. 11 Mbps
Focus method:	Same as focusing with Live View shooting
Focusing brightness range:	EV 1 - 18 (at room temperature, ISO 100)
Metering mode:	Center-weighted average and evaluative metering with the image sensor * Automatically set by the focus method.
Metering brightness range:	EV 0 - 20 (at room temperature, ISO 100)
Exposure control:	Autoexposure and manual exposure
Exposure compensation:	±3 stops in 1/3-stop increments
ISO speed (Recommended exposure index):	With autoexposure shooting: ISO 100 - ISO 6400 set automatically With manual exposure: ISO 100 - ISO 6400 set automatically/manually
Video snapshots:	Settable to 2 sec./4 sec./8 sec.
Sound recording:	Built-in monaural microphone Sound-recording level adjustable, wind filter provided
Grid display:	Two types
Still photo shooting:	Not possible during movie shooting

• LCD Monitor

Type:	TFT color liquid-crystal monitor
Monitor size and dots:	Approx. 7.5 cm (3.0 in.) (4:3) with approx. 920,000 dots
Brightness adjustment:	Manual (7 levels)
Interface languages:	25
Feature guide:	Displayable

• Playback

Image display format:	Basic info, basic info + image quality/playback number, shooting info. display, histogram, index display (4/9)
Zoom magnification:	Approx. 1.5x - 10x
Highlight alert:	Overexposed highlights blink
Image browsing method:	Single image, jump by 10 or 100 images, by shooting date, by folder, by movies, by stills, by rating
Image rotation:	Possible
Ratings:	Provided
Movie playback:	Enabled (LCD monitor, HDMI) Built-in speaker
Image protection:	Possible
Slide show:	All images, by date, by folder, by movies, by stills, by rating Five transition effects selectable
Background music:	Selectable for slide shows and movie playback

• Post-Processing of Images

Creative filters:	Grainy B/W, Soft focus, Fish-eye effect, Toy camera effect, Miniature effect
Resize:	Possible

• Direct Printing

Compatible printers:	PictBridge-compatible printers
Printable images:	JPEG and RAW images
Print ordering:	DPOF Version 1.1 compatible

• Customization Features

Custom Functions:	11
My Menu registration:	Possible
Copyright information:	Entry and appending possible

• Interface

Digital terminal:	Hi-Speed USB equivalent: Computer communication, Direct printing, GPS Receiver GP-E2, Connect Station CS100 connection
HDMI mini OUT terminal:	Type C (Auto switching of resolution)
Remote control terminal:	For Remote Switch RS-60E3
Eye-Fi card:	Compatible

• Power

Battery:	Battery Pack LP-E10 (Quantity 1) * AC power can be supplied via household power outlet accessories.
Number of possible shots: (Based on CIPA testing standards, with 50% flash use)	With viewfinder shooting: Approx. 500 shots at room temperature (23°C/73°F), approx. 410 shots at low temperatures (0°C/32°F) With Live View shooting: Approx. 240 shots at room temperature (23°C/73°F), approx. 230 shots at low temperatures (0°C/32°F) * With a fully-charged Battery Pack LP-E10.
Movie shooting time:	Approx. 1 hr. 30 min. at room temperature (23°C/73°F) Approx. 1 hr. 25 min. at low temperatures (0°C/32°F) * With a fully-charged Battery Pack LP-E10.

• Dimensions and Weight

Dimensions (W x H x D):	Approx. 129.0 x 101.3 x 77.6 mm / 5.08 x 3.99 x 3.06 in.
Weight:	Approx. 475 g / 16.75 oz. (Including battery and card), Approx. 427 g / 15.06 oz. (Body only)

• Operation Environment

Working temperature range:	0°C - 40°C / 32°F - 104°F
Working humidity:	85% or less

- All the data above is based on Canon's testing standards and CIPA (Camera & Imaging Products Association) testing standards and guidelines.
- Dimensions and weight listed above are based on CIPA Guidelines (except weight for camera body only).
- Product specifications and the exterior are subject to change without notice.
- If a problem occurs with a non-Canon lens attached to the camera, consult the respective lens manufacturer.