



## Original text

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### shape

#### form

Digital single-lens reflex AF / AE camera

#### Recording medium

CFexpress memory card

\* B type compatible: 2 card slots

#### Image sensor size

35.9 x 23.9 mm

#### Usable Lens

Canon EF Lens Family

\* Except for EF-S lens and EF-M lens (effective field of view is almost the same as the effective field of view of the lens focal length)

#### Lens mount

Canon ef mount

### Image sensor

#### form

CMOS sensor

#### Effective Pixels

20 million pixels

\* Rounded to 100,000 units

#### Aspect ratio

3: 2

#### Dust removal function

Auto / Manual, Dust Delete Data Attached

### Record system

#### Record format

DCF 2.0

#### Image format

JPEG (8bit), HEIF (10bit), RAW (14bit Canon original)

RAW + JPEG simultaneous recording is possible

RAW + HEIF simultaneous recording possible

\* RAW images taken with the electronic shutter are subject to 12-bit A / D conversion processing

#### Record Pixels

	Resolution	The number of pixels
	L	20 million pixels (5472 × 3648)
	M1	12.7 million pixels (4368 × 2912)
JPEG	M2	Approximately 8.9 million pixels (3648 × 2432)

S 5 million pixels (2736 × 1824)  
HEIF L 20 million pixels (5472 × 3648)  
RAW RAW / C-RAW Approx. 20 million pixels (5472 × 3648)

\* rounded to 100,000 units

#### Storage function

Still photo / video split, Still photo save option, Movie save option, Still photo save / playback,  
Save / play video

#### Create and select folder

possible

#### Filename

Default setting, user setting 1, user setting 2

#### File number

Continuous, auto reset, manual reset

#### Image processing during shooting

#### Picture style

Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Def. 1–3

#### White balance

- Auto (Atmosphere Priority), Auto (White Priority), Preset (Sunlight, Shade, Cloudy, Tungsten, White Fluorescent light, flash),  
User setting, color temperature setting (approximately 2500-10000 K)
- White balance correction and white balance bracketing
- \* Flash color temperature information can be sent

#### White balance correction

Blue / amber correction: ± 9 levels

Magenta / Green Correction: ± 9 Levels

#### White Balance Bracketing

± 3 stops in 1-stop increments

#### Automatic Image Brightness Correction

Auto brightness optimization

#### Noise reduction

Applicable for high ISO speed shots and long exposures

#### Highlight tone priority

offer

#### Lens aberration correction

Peripheral Illumination Correction, Distortion Correction, Digital Lens Optimization, Chromatic Aberration Correction, Diffraction Correction

#### Viewfinder

#### form

Eye Level Pentaprism

#### Field of view (range)

Approximately 100% of width / length (eye point approximately 20mm)

#### Magnification

0.76x (-1m–1 with 50 mm lens at infinity)

#### Eye Point

20 mm (at eyepiece end / -1 m-1)

#### Diopter adjustment range

-3.0 – +1.0 m-1 (dpt)

#### Eyepiece shutter

guts  
Focusing screen  
fixing  
mirror  
Quick return type  
Depth-of-field preview  
support

#### Auto focus

[ Viewfinder Shooting ]

#### Focus method

TTL secondary imaging phase difference detection method (using dedicated AF sensor)

#### AF point

- Up to 191 points (cross type AF point: up to 155 points)

\* Number of available AF points, number of dual cross type AF points and cross type AF  
The number of points depends on the lens used.

Dual cross-type focusing at F2.8 with center AF point

#### Focus brightness range

EV -4 – 21 (F2.8 compatible center AF point, One-Shot AF, room temperature, ISO 100)

#### Focus action

One-Shot AF, AI Servo AF, Manual Focus (MF)

#### AF area selection mode

Manual selection: Spot AF, Manual selection: 1 point AF, AF area extension: Landscape / Portrait, AF area extension: Surround,

Manual selection: Zone AF, Manual selection: Large zone AF, Auto selection AF

#### Subject Recognition AF

EOS iTR AF settings (color information, face and head can be identified)

iTR: Intelligent Tracking and Recognition

#### AF configuration tool

Case 1 – 4, Case A

#### AI Servo AF Characteristics

Tracking Sensitivity, Acceleration / Deceleration Tracking

#### AF fine adjustment

AF Microadjustment (All lenses by same amount, Adjust by lens)

#### AF assist light

Flash from external flash for EOS camera

[ Live View shooting / Movie recording ]

#### Focus method

- Dual Pixel CMOS AF

\* AF is not available when recording RAW or 4K 59.94 p / 50.00 p (NTSC / PAL) movies.

#### AF method

Face + Tracking, Spot AF, 1 Point AF, AF Area Expansion (Horizontal / Vertical), AF Area Expansion: Ambient, Zone AF,

Large Zone AF: Vertical, Large Zone AF: Horizontal

#### Available AF Frame Position

Up to 3,869 locations

\* When selected with multi controller

AF areas available for auto selection

Up to 525 zones

Eye detection AF

support

Magnified view

5 times / 10 times

AF area

- Horizontal: Approx. 90%, Vertical: Approx. 100%
- Horizontal: Approx. 80%, Vertical: Approx. 80%

\* Depends on the lens used.

Manual focus (MF)

MF peaking, focus guide

### [ Live View shooting ]

AF operation

One-Shot AF, Servo AF

Continuous AF

possible

Focus brightness range

EV -6 – 18

(F1.2, center AF point, room temperature, ISO 100, One-Shot AF)

AF configuration tool

Case 1–4, Case A

Servo AF Characteristics

Tracking Sensitivity, Acceleration / Deceleration Tracking

### [ Movie recording ]

Focus brightness range

EV -4 – 18

(F1.2, center AF point, room temperature, ISO 100, One-Shot AF, 29.97 fps)

Video Servo AF

support

Video Servo AF Characteristics

Tracking Sensitivity, AF Speed

**Exposure control**

Metering mode

- Viewfinder shooting: 216-division (18x12) TTL using approximately 400,000 pixels RGB + IR metering sensor  
Open metering
- Live View shooting / Movie recording: 384 split (24x16) metering using signal from image sensor

Metering mode

- Viewfinder shooting:
  - evaluative metering
  - Partial metering (about 6.2% of the screen)

- Spot (about 1.5% of the screen)

\* AF point-linked spot metering and multi-spot metering options included.

- Center-weighted average metering
- Live View shooting: Evaluative metering, partial metering (approx. 5.8% of screen), spot metering (approx. 2.9% of screen)
- Movie recording: Center weighted average metering, evaluative metering

\* Automatically set according to shooting conditions.

#### Focus brightness range

- Viewfinder shooting: EV 0 – 20 (at room temperature, ISO 100)
- Live View shooting / Movie recording: EV -3 – 20 (at room temperature, ISO 100)

#### Shooting mode

- Still photo shooting:  
Program AE, Shutter-Priority AE, Aperture-Priority AE, Manual Exposure, Bulb Exposure, Custom Shooting Mode (C1 / C2 / C3)
- Video recording:  
Program AE, Shutter-Priority AE, Aperture-Priority AE, Manual Exposure, Custom Shooting Mode (C1 / C2 / C3)

#### ISO sensitivity (recommended exposure index)

- Still photo shooting:
  - ISO Auto (automatic setting in the range of ISO 100 – 102400),

- Manual setting in ISO 100 – 102400 range (in 1 / 3- or 1-stop increments), L (equivalent to ISO 50),  
Sensitivity extended to H1 (equivalent to ISO 204800), H2 (equivalent to ISO 409600), and H3 (equivalent to ISO 819200)  
possible

\* When highlight tone priority setting: ISO 200 – 102400

- Video recording:
  - Program AE / Av / Tv: ISO Auto (automatically set within the range of ISO 100 – 25600), H1 (ISO 204800 equivalent)
  - M: ISO Auto (automatically set within the range of ISO 100 – 25600),
  - Manual setting in ISO 100 – 25600 (in 1 / 3- or 1-stop increments), H1 (ISO 204800)  
Sensitivity can be extended

\* When highlight tone priority setting: ISO 200 – 25600

#### ISO sensitivity settings

- Still photo shooting:
  - ISO speed setting range, auto range, minimum shutter speed
- Video recording:
  - ISO sensitivity setting range, the maximum value automatically

#### Exposure compensation

- Manual: ± 5 stops in 1 / 3- or 1 / 2-stop increments (viewfinder shooting),
- ± 3 stops in 1 / 3- or 1 / 2-stop increments (Live View shooting, movie recording)
- AEB: ± 3 stops in 1 / 3- or 1 / 2-stop increments (can be combined with manual exposure compensation)

#### AE lock

Still photo shooting:

- Auto: AE lock with Custom Function when focus is achieved in each metering mode  
Can be set on / off
- Manual: Using AE Lock Button
- Video recording: using the AE lock button

#### Flicker Reduction

Available (when viewfinder shooting)

#### Multiple exposure

#### Shooting way

Function / operation priority, continuous shooting priority

#### Multiple impressions

2 – 9 times

#### Multiple exposure control

Increase, average, brighten, darken

#### HDR shooting ( still picture HDR PQ)

#### Record format

HEIF

#### Bit depth

10bit

#### Color sampling

YCbCr 4: 2: 2

#### HDR specification

ITU-R BT.2100 (PQ)

#### shutter

#### form

Electronically controlled focal plane shutter

#### Shutter method

- Viewfinder shooting: mechanical
- Live view shooting: mechanical, electronic curtain, electronic

#### Shutter speed

- Mechanical / electronic curtains: 1/8000 sec – 30 sec, bulb
- Electronic setting: 1/8000 sec – 0.5 sec
- Maximum shutter speed during flash synchronization: 1/250 sec.

\* The setting range is different for movie recording.

#### Drive system

#### Drive mode

Single shot, high speed continuous shooting, medium speed continuous shooting, low speed continuous shooting, one soft shooting, soft continuous shooting

Shooting, soft low-speed continuous, self-timer: 10 seconds, self-timer: 2 seconds

#### Continuous shooting speed

Drive mode	Viewfinder shooting	Live View shooting *2
One-Shot AF	Up to approx. 16 shots / sec	Up to approx. 20 shots / sec
<b>High Speed Continuous Shooting</b> *1	AI Servo AF / Servo AF (Setting range: 3-16 sheets / sec)	

<b>Medium speed continuous shooting</b>	One-Shot AF	10 shots / sec	Approx. 10 shots / sec. *3
	AI Servo AF / Servo AF	(Setting range: 2-15 sheets / sec)	
<b>Time lapse</b>	One-Shot AF	Approx.3.0 sheets / sec	Approx.3.0 sheets / sec
	AI Servo AF / Servo AF	(Setting range: 1-14 sheets / second)	
<b>Soft continuous shooting</b>		8.0 shots / sec	Approx. 10 shots / sec. *3
		(Setting range: 2-8 sheets / second)	
<b>Soft time lapse</b>		Approx.3.0 sheets / sec	About 3.0 sheets / second
		(Setting range: 1-7 sheets / second)	

\* 1: High speed continuous shooting speed includes shutter speed, aperture, aperture for continuous shooting, Flicker reduction enabled, battery capacity, temperature, subject conditions, brightness (when shooting in low light), lens Conditions such as type, power type, or when the internal memory becomes full (temporary shooting is not possible) May decrease.

\* 2: When using the electronic shutter, the continuous shooting speed is the same as that of high speed continuous shooting.

\* 3: When using the mechanical shutter, the continuous shooting speed is approx. 8.0 shots / sec.

#### Maximum burst

- JPEG Large: 1,000 or more
- HEIF Large: More than 1,000
- RAW: 1,000 or more
- RAW + JPEG Large: 1,000 or more
- RAW + HEIF Large: Approximately 350 pieces

\* Viewfinder shooting with a Canon 325GB card

\* Shooting conditions (subject, memory card manufacturer, ISO speed, Picture Style, Custom Functions, Depending on the setting of JPEG / HEIF quality to 8).

#### External speedlite

##### Compatible Speedlite

EL / EX Series Speedlite

##### Flash metering

E-TTL II Autoflash

#### Flash exposure compensation

± 3 stops in 1 / 3- or 1 / 2-stop increments

#### FE lock

possible

#### Synchro terminal

offer

#### Flash control

Flash function setting, flash C.Fn setting

#### Video recording

##### General video

Canon log

OFF ON

**Record format** MP4

**compression** MPEG-4 H.264 / AVC MPEG-4 H.265 / HEVC

**Video signal recording range** Full range (0-255) Full range (128-1016)

**Color sampling** YCbCr 4: 2: 0 (8bit) YCbCr 4: 2: 2 (10bit)

**Color matrix** Rec.ITU-R BT.709 Rec.ITU-R BT.709 / BT.2020

**audio** ALL-I / IPB AAC / Linear PCM ·  
IPB (light) AAC

\* You can select AAC or Linear PCM in [C.Fn7-7: **Audio Compression** ].

RAW movie

Canon log

OFF ON

**Recording format** RAW (12bit)

**Audio** linear PCM

Video recording quality

RAW (5472 × 2886), 4K DCI (4096 × 2160), 4K DCI Crop (4096 × 2160), 4K UHD (3840 × 2160),  
Full HD (1920 × 1080)

Frame rate

119.9p / 59.94p / 29.97p / 24.00p / 23.98p (NTSC) br100.0p / 50.00p / 25.00p / 24.00p (PAL)

High frame rate video: 119.9p / 100.0p

Compression method

ALL-I (editing), IPB (standard), IPB (light)

Bit rate

RAW (59.94p / 50.00p)	2,600 Mbps
RAW (29.97p / 25.00p / 24.00p / 23.98p)	1800 Mbps
4K DCI (59.94p / 50.00p) / ALL-I	About 940 Mbps
4K DCI (59.94p / 50.00p) / IPB	230 Mbps
4K DCI (29.97p / 25.00p / 24.00p / 23.98p) / ALL-I	About 470 Mbps
4K DCI (29.97p / 25.00p / 24.00p / 23.98p) / IPB	About 120 Mbps
4K DCI <b>Crop</b> (59.94p / 50.00p) / ALL-I	About 940 Mbps
4K DCI <b>Crop</b> (59.94p / 50.00p) / IPB	230 Mbps
4K DCI <b>Crop</b> (29.97p / 25.00p / 24.00p / 23.98p) / ALL-I	Approx. 470 Mbps
4K DCI <b>Crop</b> (29.97p / 25.00p / 24.00p / 23.98p) / IPB	Approx. 120 Mbps
4K UHD (59.94p / 50.00p) / ALL-I	About 940 Mbps
4K UHD (59.94p / 50.00p) / IPB	230 Mbps
4K UHD (29.97p / 25.00p) / ALL-I	About 470 Mbps
4K UHD (29.97p / 25.00p) / IPB	About 120 Mbps
Full HD (119.9p / 100.0p) / ALL-I	About 360 Mbps
Full HD (59.94p / 50.00p) / ALL-I	180 Mbps
Full HD (59.94p / 50.00p) / IPB	About 60 Mbps
Full HD (29.97p / 25.00p) / ALL-I	Approx. 90 Mbps
Full HD (29.97p / 25.00p) / IPB	About 30 Mbps
Full HD (29.97p / 25.00p) / IPB ( <b>Light</b> )	About 12 Mbps

Time code

Can add

Drop frame

119.9p / 59.94p / 29.97p compatible

record

Built-in mono microphone, external stereo microphone terminal provided, line input support

Sound recording level adjustable, wind filter and attenuator provided

headphone



Headphone jack provided, volume adjustable  
Video digital IS  
offer  
Canon log

Available as shooting option

Still photo shooting

Not available during movie recording

HDMI output

Image output without information display

4K output support, auto / 1080p selectable

screen

form

TFT color LCD monitor

Screen size and dot number

8.01 cm (3: 2), about 2.1 million dots

Brightness adjustment

Manual (7 steps)

Hue adjustment

Warm tones, standard, cold tones 1, cold tones 2

Interface language

29 languages

Touch screen panel

Capacitive method

Display system status

Can be displayed for reference

play

Image display format

Display without shooting information, basic information, detailed shooting information, index display (4/9/36/100 sheets)

Highlight warning

Overexposed highlights blink

AF point display

Available (excluding certain shooting conditions)

Grid display

3 types

Magnified view

1.5x to 10x, initial magnification and position can be set

Image search

Search condition can be set (rating, date, folder, protection, file type)

Image navigation

1, 10, number of copies, by date, folder, movie only, still image only, protected image only, rating

Image rotation

possible

Image protection

possible

Grade

possible

Voice memo

Record and play back

Play video

possible

Edit video first / last scene

possible

4K video frame extraction

Extract specific frames from a movie and save them as JPEG images

Slide show

Automatically play all images or images that match your search

Copy image

possible

HEIF to JPEG conversion

possible

In-camera RAW image processing

Brightness Control, White Balance, Picture Style, Clarity, Auto Lighting Optimizer, High ISO Speed Noise

Reduction, image quality, color space, lens aberration correction (peripheral illumination correction, distortion correction, digital lens optimization, chromatic aberration

Correction, diffraction correction)

Resize

possible

cut

possible

Print command

DPOF version 1.1 compatible

#### Communication function

[Wi-Fi]

Reference standard

IEEE 802.11b / g / n

Transmission method

DS-SS Modulation (IEEE 802.11b), OFDM Modulation (IEEE 802.11g / n)

Transmission frequency (center frequency)

- Frequency: 2412 – 2462 MHz
- Channels: 1 – 11

Connection method

Camera access point mode, infrastructure •

\* WPS (Wi-Fi Protected Setup) support

security

Authentication method: open system, shared key, WPA / WPA2-PSK

Encryption method: WEP, TKIP, AES

Compatible devices

Smartphone, computer, FTP server

[Wired LAN]

form

Ethernet

Reference standard

IEEE 802.3u (10BASE-T / 100BASE-TX / 1000BASE-T)

Compatible devices

Access point, computer, EOS-1D X Mark III •

\* When synchronizing time between cameras

[ Bluetooth ]

Reference standard

Bluetooth specification version 4.2 compliant  
(Bluetooth low energy technology)

Transmission method

GFSK Modulation

Compatible devices

Smartphone

GPS function

Corresponding satellite

GPS satellites (USA), GLONASS satellites (Russia), Quasi-Zenith satellite system Michibiki (Japan)

Geotagging Images

Latitude, longitude, altitude, coordinated universal time (UTC), signal reception status

Location update interval

1 second, 5 seconds, 10 seconds, 15 seconds, 30 seconds or 1 minute, 2 minutes, 5 minutes

Location information retention time

10 minutes, 30 minutes, 1 hour, 3 hours, 6 hours, unlimited

Time adjustment

Camera time can be set with GPS time data

Log data

- 1 file per day, NMEA format

\* If the time zone is changed, a separate file is created.

\* Transfer log data stored in the internal memory to the card or as a log file on your computer  
Available for download.

Delete log data

possible

Custom function

Custom function

39 branches

Customize Quick Control

possible

Save camera settings

Up to 10 settings can be registered on the card

Custom Shooting Mode

Still photo C1 / C2 / C3 mode, movie C1 / C2 / C3 mode

My Menu

Up to 5 screens can be registered

Copyright information

Text input and attachment possible

IPTC Information

Can add

interface

**Digital terminal**

SuperSpeed Plus USB (USB 3.1 Gen 2) equivalent, USB Type C, Computer Communications

**HDMI mini OUT terminal**

C type (resolution automatic switching)

**External microphone input / line input terminal**

- 3.5 mm diameter stereo mini jack
  - Directional stereo microphone DM-E1, stereo microphone DM-E100 or commercially available
- Microphone can be connected

**Headphone jack**

3.5 mm diameter stereo mini jack

**Remote control terminal**

N3 type remote control unit

**System extension**

Wireless file transmitter WFT-E9 can be connected

**Ethernet terminal**

RJ-45 terminal

**power****battery**

1 x Battery Pack LP-E19

\* AC power available as home power outlet accessory

**Battery information**

Check the power supply, remaining battery capacity, number of shots and charging performance

**Possible shots**

- Viewfinder shooting: Approx. 2,850 shots at room temperature (+ 23 ° C), approx. 2,360 shots at low temperature (0 ° C)
- Live View shooting: Approx. 610 shots at room temperature (+ 23 ° C), approx. 530 shots at low temperature (0 ° C)

\* When using a fully charged battery pack LP-E19

**Movie recording time**

- 4 hours 40 minutes at room temperature (+23 ° C)
- 4 hours 10 minutes at low temperature (0 ° C)

\* Fully charged battery pack LP-E19 enabled, video servo AF off and Full HD

When recording with 29.97p / 25.00p IPB (standard)

**Size and weight****Size (WxHxD)**

158.0 x 167.6 x 82.6 mm

**weight**

1,440 g (including battery pack and card) /

1,250 g (body)

**Operating environment****Working temperature range**

0 – 45 ° C

Working humidity

85% or less

- \* All the above data is Canon's test standard and CIPA (Camera Imaging Equipment Association) test standard.  
And based on guidelines.
- \* Sizes and weights listed above are based on CIPA guidelines (excluding the weight of the camera body only).
- \* Product specifications and appearance may change without prior notice.
- \* If a problem occurs with a lens from a third-party camera attached to the camera, consult the lens manufacturer.  
please give it to me.