EOS R5 — firmware v. 1.3.0

1) **Adds Canon Log 3 for video recording:**
   In addition to previous Canon Log option, Canon Log 3 is now possible with v. 1.3.0 installed in the EOS R5. This additional "flat" recording profile adds to potential dynamic range, even when compared to basic Canon Log in the EOS R5. Canon Log or Canon Log-3 can be selected during RAW or ALL-I/IPB recording, at 8K, 4K, and Full HD video resolutions. Canon Log and Log 3 *always* transform EOS R5 video files to 10-bit, 4:2:2 recording, and thus will add roughly 20~30% to the file size figures shown in the file size/bitrate link, below.

CLICK HERE *for more detailed information about Canon Log and Canon Log 3 for Canon EOS cameras.*

2) **Adds new smaller video file size/lower bitrate options:**
   8K RAW "Light" and new 4K IPB (Light)/Full HD – 60p/50p options added to Movie Record Quality menu options. Each will record files at substantially lower bitrates, giving a high resolution option with relatively compact file sizes.

Newly-added options in *blue italic type,* below (when firmware v.1.3.0 is installed).

Approximate bitrates / file sizes — ***Canon Log OFF:***

File type, fps rate	***Bitrate (Megabits/sec.)***	***File size, 1 minute recording***
8K RAW (29.97 / 23.98p)	Approx. 2600 megabits/sec.	Approx. 18.7 GB/minute
8K RAW (Light — 29.97/25.00p)	*Approx. 1700 Mb/sec.*	*Approx. 12.2 GB/min.*
8K RAW (Light — 24.00/23.98p)	*Approx. 1350 Mb/sec.*	*Approx. 9.7 GB/min.*
8K (ALL-I — 30/24/25p)	Approx. 1300 Mb/sec.	Approx. 9.3 GB/min.
8K (IPB — 30/24/25p)	Approx. 470 Mb/sec.	Approx. 3.4 GB/min.
8K (IPB Light — 30/24/25p)	*Approx. 230 Mb/sec.*	*Approx. 1.6 GB/min.*
4K (ALL-I — 59.94/50.00p)	Approx. 940 Mb/sec.	Approx. 6.7 GB/min.
4K (IPB — 59.94/50.00p)	Approx. 230 Mb/sec.	Approx. 1.7 GB/min.

4K (IPB Light — 59.94/50.00p)	*Approx. 120 Mb/sec.*	*Approx. 860 MB/min.*
4K (ALL-I — 29.97/24/25p)	Approx. 470 Mb/sec.	Approx. 3.4 GB/min.
4K (IPB — 29.97/24/25p)	Approx. 120 Mb/sec.	Approx. 900 MB/min.
4K (IPB Light — 29.97/24/25p)	*Approx. 60 Mb/sec.*	*Approx. 400 MB/min.*
Full HD (ALL-I — 59.94/50p)	Approx. 180 Mb/sec.	Approx. 1.3 GB/min.
Full HD (IPB — 59.94/50p)	Approx. 60 Mb/sec.	Approx. 440 MB/min.
Full HD (IPB Light — 60p/50p)	*Approx. 35 Mb/sec.*	*Approx. 250 MB/min.*
Full HD (ALL-I — 30/24/25p)	Approx. 90 Mb/sec.	Approx. 650 MB/min.
Full HD (IPB — 30/24/25p)	Approx. 30 Mb/sec.	Approx. 230 MB/min.
Full HD (IPB Light — 30/24/25p)	Approx. 12 Mb/sec.	Approx. 90 MB/min.

Important: *Serious video/cinema users need to be aware that "RAW (Light)" in the updated EOS R5 is not identical to the "Cinema RAW Light" in certain Canon Cinema EOS cameras, and resulting footage will not appear identical for the two file types.*

3) **FTP transfer time remaining displayed during transfer**
Estimated remaining FTP transfer time is now displayed on-screen, at current Wi-Fi transfer rates, during FTP transfer operations. This feature has been heavily requested by photojournalists and news agencies.

4) **Adds new High Frame Rate (120fps/100fps) during Full HD video recording**
New "slow motion" option added for Full HD (1080p) video recording, in addition to EOS R5's existing 120p/100p option when set for 4K. Significantly smaller video file sizes are available in this new Full HD High Frame Rate option:

- *4K, 120/100p — bitrate approx. 1880 Mb/sec; 1 min. recording = approx. 13.4 GB*
- *. Full HD, 120/100p — approx. 360 Mb/sec; 1 minute recording = approx. 2.6 GB*

5) **Adds full-time Electronic Manual Focusing to supported Canon RF lenses, when in Servo AF**
New menu option added to AF Menu screen, giving option for immediate Manual focusing with camera set for Servo AF, when the lens' Manual Focus ring is rotated. This feature is especially useful for sports and wildlife shooters/videographers, using longer telephoto lenses. The menu option allows enabling or disabling this new feature.

6) **Turn LCD monitor off, by pressing INFO button on rear of camera**
A new, quick option to minimize distractions when using the eye-level Electronic Viewfinder, and/or to conserve battery power. With the LCD monitor active, pressing the

INFO button cycles through various displays on the screen, and then will turn the screen completely off. It adds a new, 6th check-box option in the menu screen: ***(red) Shooting Menu > Screen #7 > Shooting info. disp. > Screen info settings > Option 6 (monitor off).***

7) **FTP transfer: select any Protected images, either not yet sent, or any which failed to be sent, collectively for re-transfer via FTP**
   Another feature which especially targets photojournalists and news agency photographers, this allows faster selection of images for FTP transferring. Any files "protected" during review by the photographer can be selected in a group, including all files which may have not previously successfully transferred, and transferred via FTP again.

8) **Save camera settings to an SD or CFexpress card, and install those settings into another EOS R5 camera body (requires firmware v. 1.3.0 or higher be installed on all EOS R5 cameras)**
   This one is sure to appeal to serious enthusiasts as well as working professionals. Previously available only in EOS-1D series cameras, this firmware update now adds the ability to save all camera settings, including any combination of Custom Functions, etc., to a memory card in the camera. Remove that card, install it into any other EOS R5 body, and with the "Load from card" menu setting, you can immediately load all those individual settings into a different EOS R5 camera. ***(Yellow Set-up Menu > Screen #5 > Save/load cam settings on card.)***

   This can also be extremely useful if an EOS R5 camera body is set to a Canon Factory Service Center (or even loaned to another photographer); any settings changed to defaults by the service technicians can be immediately restored to your own choices if you have them saved to a memory card…just install that card into the camera, select "Load from card," and in moments all user-defined settings will be re-installed. Please note that as of March, 2021, this feature is not possible with EOS R6, and any other Canon EOS cameras, aside from the EOS-1D series models. And, to be clear, settings recorded to a card from an EOS R5 can only be applied to another EOS R5; it's not possible to add them (for instance) to an EOS-1D X Mark III, or vice-versa.

Additional fixes:

- **Problem with certain CFexpress cards:**
  Addresses a rare issue where in some instances, the camera does not function normally, when specific CFexpress cards are used.

- **High Speed Continuous shooting:**
  Addresses a rare phenomenon where the camera cannot fire normally, when set to High Speed Continuous drive setting.

- **Power suspended during extended USB power connection:**
  Fixes a phenomenon where power to the camera may be suspended unexpectedly, during extended connection to a compatible USB power supply.