Max Resolution with Low-Pass Filter Cancellation

While an optical low-pass filter ideally resolves colour artifacts and moiré appearance, extreme details may get reduced. So if you’re into landscape or commercial photography, the EOS 5DS R simulates the effect of a removed low-pass filter to give you the full advantage of the original 50.6 million effective pixels.

Only available on the EOS 5DS R

High-resolution photography is elevated to stratospheric levels with the new EOS 5DS and EOS 5DS R.

Featuring the full-frame resolving power of 50.6 megapixels, the EOS 5DS and EOS 5DS R perpetuate a legacy of exceptional image quality and superior performance. Although succeeding in the EOS 5D lineage, these newcomers have been redesigned to feature unprecedented ultra-high pixel capture and the latest technologies.
The 61-Point High-Density Reticular AF system with 41 cross-type focus points provides a wide AF area coverage for accurate subject tracking and focusing capabilities.

Both the EOS 5DS and EOS 5DS R feature the EOS iSA (Intelligent Subject Analysis) system and the EOS iTR (Intelligent Tracking and Recognition) system to enhance metering and tracking of moving subjects. A 150,000-pixel RGB + IR metering sensor works in combination with data from the EOS iTR and EOS iSA functions to correctly expose and track the subject with greater precision even in active scenes.

The EOS 5DS and EOS 5DS R both come fitted with dual DIGIC 6 image processors that enable fast image processing and responsive camera performance, even with the large volume of data captured by the full-frame 50.6-megapixel sensor.

Camera shake is never good for image quality and the higher the number of pixels, the more apparent camera shake blurring becomes. A newly developed Mirror Vibration Control System has two cam gears driven by a motor to suppress camera shake from the camera’s mirror bounce.

With a sensitivity range of ISO 100–6400 that is expandable to ISO 50–12800, the EOS 5DS and EOS 5DS R give you the confidence to capture stunning images from wildlife portraits with a smooth defocused background to long exposure shots of natural landscapes.

With a full-frame sensor, the EOS 5DS and EOS 5DS R can perform crop shooting at 1.3x (approx. 30.5 megapixels) or 1.6x (approx. 19.6 megapixels) while retaining high levels of image sharpness and quality. Crop shooting is ideal for use in bird or sports photography to better frame your subject, and also to extend the range of telephoto lenses. In crop shooting mode, subject tracking is also enhanced with 61 AF points covering almost the entire frame.

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