

Nikon unveils advanced entry-level digital SLR camera

Nikon recently announced its newest addition to the family of quality DX-format digital SLRs – the D5000. Easy to operate, with an impressive range of feature sets, it is ideal for entry-level digital SLR users and those looking to raise their level of photographic expression.

Feature highlights:

- *New 450 degree Vari-angle monitor* – swings down approximately 180 degrees and rotates 270 degrees, and features a bright 2-7-inch 230 000 dot. The monitor can also be stowed with the LCD panel tucked neatly against the camera back to protect the screen when not in use.
- *Nikon DX-format 12-format 12.3 megapixel CMOS image sensor*, enabling the production of high-resolution images with impressive enlargement capacity. The high signal-to-noise ratio results in images with extremely low noise even when shooting at high ISO settings.
- *Specially designed EXPEED image processing system*, which realises excellent resolution, long tonal scale, and vibrant colour while also making possible fast processing of the D5000's advanced imaging functions such as Scene Recognition with Face Detection, Live View AF, and Active D-Lighting.
- *Live View shooting*, now enhanced by the D5000's Vari-angle monitor, can be accessed with one-touch ease by pressing the Live View button. Autofocus with Live View has been further improved by the addition of Subject tracking AF, which automatically locks onto a pre-selected subject and maintains focus on it even if it momentarily leaves the frame and also includes: Face priority AF; Wide area AF and Normal area AF.
- *Movie clips with D-Movie*: first available on the Nikon D90, this function gives users the flexibility to shoot Motion

JPEG movie clips in different formats at 24 frames per second. Additionally, the D5000's compatibility with NIKKOR AF-S and AF-I lenses opens up a wide range of possibilities for dramatic expression, from fisheye and wide-angle shots to long telephoto scenes and extreme close-ups.

- *19 Scene Modes* – six commonly used modes can be selected using the D5000's mode dial, while the remaining 13 are accessed by setting the mode dial to SCENE then simply turning the command dial to make the selection.
- *Scene Recognition System with Face Detection System* – the D5000 utilises a 420-pixel RGB sensor to analyse colour and illumination over the entire scene milliseconds prior to exposure. Additionally, the D5000 detects human faces using its Face Detection System.
- *Active D-Lighting* for vastly improving details in the shadows and highlights of high-contrast scenes. Active D-Lighting settings are — Auto, Extra high, High, Normal, Low, and Off — along with a bracket mode that allows users to shoot one image with Active 2D-Lighting and one without.
- *11-point AF system* with Multi-CAM 1000 autofocus module offering four versatile AF modes are available: single-point AF for stationary subjects; dynamic-area AF for moving subjects; auto-area AF when the D5000 can automatically determine the proper focus method; and 3D-tracking (11 points) AF for maintaining focus on subjects even if the composition changes.
- *Picture Control System*, for key image capture characteristics customisation. Standard, Neutral, Vivid, Monochrome, Portrait, and Landscape settings are



available, along with the ability to create up to nine custom Picture Control settings.

- *Photo editing*, for in-camera retouching after shooting. Several new editing options are found under its Retouch Menu, including Soft Filter, Perspective Control and Colour Outline. Each editing function is applied to a copy of the image, with the original left unmodified.
- *Nikon Integrated Dust Reduction System*, a comprehensive solution that reduces generation and accumulation of dust and also provides measures to remove dust. Its Airflow Control System directs dust away from the image sensor and includes an image sensor cleaning function that activates automatically when the D5000 is powered on.

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