The new 25-400mm* LEICA DC VARIO-ELMARIT lens was created especially for the DMC-FZ1000. It has an F2.8-4.0 brightness that resists blurring even for telephoto shots. Passing Leica’s stringent standards, this lens achieves high descriptiveness in detail and resolution to corners.

Superb optical performance from 25mm wide-angle to 16x optical zoom* gives you high versatility and mobility. It lets you capture a large variety of shooting situations, from scenery to portraits or telephoto shots of tiny birds on tree branches and animals crossing the distant horizon.

The new lens features 5 aspherical glass lenses, which are made possible by Panasonic’s unique aspherical lens mold technology. Combined with the large MOS sensor, it gives your photos a shallow depth of field with an impressive defocusing effect featuring invisible edge lines.

Comprising 15 elements in 11 groups, including 4 ED lenses and 5 aspherical lenses with 8 aspherical surfaces, this advanced lens unit achieves a high MTF value. The first lens group located at the front consists of 4 lenses to minimize chromatic aberration especially at the tele-end.
The newly incorporated 1-inch High Sensitivity MOS Sensor improves the S/N ratio, making it possible to capture clear images with minimum noise even when shooting at ISO12800 / Extended ISO25600. A rich amount of light helps to produce impressive defocusing with shallow depth of field.

The new Multi-process NR applies effective noise reduction according to each frequency component to make the image clearer even in high-sensitivity shooting. In addition, the new Random Filter granulates chromatic noise in order to blend it into the image more naturally.

The new Venus Engine features Multi-process NR, Three Dimensional Color Control and Aperture Filter to achieve high color reproduction and high resolution images with natural description. The combination of the High Sensitivity MOS Sensor and the Venus Engine achieves stunning picture quality well beyond the limit of digital compact cameras.

The newly adopted Aperture Filter is capable of controlling a wider frequency range. It adjusts the amount of sharpness according to the frequency level, resulting in a faithful stereoscopic effect.

Dramatically improved picture quality

Newly Developed Venus Engine

Advanced NR (Noise Reduction) System

The new Multi-process NR applies effective noise reduction according to each frequency component to make the image clearer even in high-sensitivity shooting. In addition, the new Random Filter granulates chromatic noise in order to blend it into the image more naturally.

Natural Edge Processing

The newly adopted Aperture Filter is capable of controlling a wider frequency range. It adjusts the amount of sharpness according to the frequency level, resulting in a faithful stereoscopic effect.
The DMC-FZ1000 is also an advanced photographic tool for recording videos. In addition to full-HD 60p (NTSC area) / 50p (PAL area) videos, the DMC-FZ1000 can record 4K video in MP4 (3840 x 2160, 30p (NTSC area) / 25p (PAL area)).

**Motion picture with [AVCHD] or [MP4] in [4K] can be recorded up to 29 minutes 59 seconds. Motion picture with [MP4] in [FHD] [HD] [VGA] can be recorded up to 29 minutes 59 seconds or up to 4 GB.***

The recording format is 30p (NTSC area) / 25p (PAL area).

• Use a card with SD Speed Class with "Class 4" or higher when recording motion pictures.
• Use a card with SD Speed Class with "UHS Speed Class 3 (U3)" when recording motion pictures in [4K].
• The UHS Speed Class3 (U3) mode write speed is only possible when using with the U3 compliant host devices.

* For a compact camera as of June 12, 2014.
** Motion picture with [AVCHD] or [MP4] in [4K] can be recorded up to 29 minutes 59 seconds. Motion picture with [MP4] in [FHD] [HD] [VGA] can be recorded up to 29 minutes 59 seconds or up to 4 GB.
*** The recording format is 30p (NTSC area) / 25p (PAL area).
The DMC-FZ1000 boasts the quick start-up time of approx. 0.66 sec to catch even the most fleeting shooting opportunities. The LVF assures stable framing and superb visibility even at high magnification and under strong sunlight. The OLED for the DMC-FZ1000 achieves high-speed response with minimum time lag while enhancing the resolution, as well as high, 10,000:1 contrast for superior color reproduction.

A free-angle 921k-dot LCD also enables artistic framing. Quick start-up

High Speed Response

The DMC-FZ1000 boasts the quick start-up time of approx. 0.66 sec to catch even the most fleeting shooting opportunities.

12 fps Burst Shooting in Full Resolution

The DMC-FZ1000 achieves high-speed burst shooting at 12 fps in 20.1-megapixel resolution with a mechanical shutter.

1/4000 sec Shutter Speed

A high shutter speed of max. 1/4000 sec (wide-end) / 1/3200 sec (tele-end) / 1/16000 sec (electronic shutter) enables you to capture spur-of-the-moment, fast-moving subjects.

High-speed, high-resolution display

2,359k-dot OLED LVF (Live View Finder)

The LVF assures stable framing and superb visibility even at high magnification and under strong sunlight. The OLED for the DMC-FZ1000’s LVF achieves high-speed response with minimum time lag while enhancing the resolution, as well as high, 10,000:1 contrast for superior color reproduction. A free-angle 921K-dot LCD also enables artistic framing.

Pursuing mobility and pleasure of use

Uncompromising Design Work

The DMC-FZ1000 operation is smooth and easy. Professional photographers and camera experts collaborated on the grip, operability, and design details.

Unwire your creativity

WI-FI® with NFC / QR Code Connection

With Wi-Fi® connectivity using the “Panasonic Image App”, a smartphone / tablet can be used as a remote controller.

Included Software

PHOTOfunSTUDIO 9.5 PE

PHOTOfunSTUDIO 9.5 PE efficiently sorts and organizes your pictures. SILKYPIX Developer Studio 4.1 SE allows dramatically higher quality image development from RAW to JPEG.

• The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance.
• The N Mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and other countries.

Low Light AF

The Low Light AF makes it possible to set focus on the subject more precisely in such as moonlight even without AF-assist lamp.

3cm Macro

You can take dynamic close-up shots of flowers and insects, or render handicrafts in spectacular detail.

Level Gauge

The Level Gauge lets the camera detect the horizontal / vertical angle of view, which is convenient for leveling the composition.

Highlight Shadow Control

It is possible to adjust highlight / shadow separately. 3 patterns of settings can be customized in addition to 3 preset patterns.

RAW Data Development in the Camera

You can convert a picture taken in the RAW format into the JPEG format right on the camera.