

Panasonic

ideas for life

2009
DIGITAL CAMERAS

About the performance of Face Recognition function

Recognition performance varies greatly depending on shooting conditions, i.e., according to factors such as angles, facial expression and lighting, so operation under all conditions cannot be guaranteed. Because the camera searches for faces that are similar to registered faces, there are cases where the faces are not correctly recognized when the registered image and the shooting image varies much. When facial characteristics are similar, particularly between parents and their children or brothers and sisters, the camera may not distinguish the faces.

About Waterproof / Dustproof performance of the camera "DMC-FT1"

This camera is waterproof / dustproof equivalent to "IP58", and is possible to record at a maximum of 3.0 m depth/60 min. This does not guarantee non-destruction, non-malfunction, and water-proofing in all conditions. Please observe specified precautions and avoid product-use beyond the guaranteed underwater duration, or beyond the guaranteed depth of water.

- Attention - To prevent water leakage, confirm that there is no foreign object near card/battery door then close door by pressing until it clicks. • Use underwater up to 3.0 m depth and not longer than 60 minutes continuously. • Do not leave under low temperature in the cold climate, or where the temperature is above 40°C for a long period of time. • When the unit is splashed with detergent, soap, hot spring, bath additive, sun oil, sunscreen, chemical, etc., wipe it off immediately. • After use at the seaside or underwater, soak the unit in fresh water pooled in a shallow container for 10 minutes or less. Do not leave uncared for more than 60 minutes after using underwater. It may cause deterioration of the waterproof performance. • Foreign materials may be attached if the zoom lever or mode dial does not move smoothly. Soak the unit in fresh water, shake it well and then wash the zoom lever and mode dial with tap water. • To maintain the waterproof performance, it is recommended that the waterproof seal (with fee) is replaced at least once every 1 year at the retail store where you have bought the camera.

About Shockproof performance of the camera "DMC-FT1"

This camera has passed a drop test from 1.5 m in height in accordance with "MIL-STD 810F Method 516.5-Shock", but this does not guarantee non-destruction, non-malfunction, and water-proofing in all conditions. Water-proofing is not guaranteed if the unit is subject to an impact as a result of being hit or dropped etc.

- Drop Test - Test standard: MIL-STD 810F Method 516.5-Shock • Drop height: 1.5m • Drop surface: 5cm thick plywood • Number of units tested: 5 • Drop orientations: 26 [each face, edge and corner] • Number of drops: 1 [for each orientation] • Unit inspected after each drop and found to be operating within product specifications. Change of appearance - paint-loss or deformation not measured.

•PHOTOfunSTUDIO: Requires Microsoft® Windows® 2000/XP or Vista®. •SILKYPIX® Developer Studio: Requires Microsoft® Windows® 2000/XP or Vista® (Only a systems administrator with authority can install software on a Windows® XP or 2000), or Apple® Mac OS® X v10.2 or later (Version 10.3 or later is recommended). •ArcSoft® MediaImpression™, Panorama Maker™: Require Microsoft® Windows® 2000/XP/Vista®, or Apple® Mac OS® v10.3 or newer (Version 10.4 or later is recommended). •Weight and dimensions shown are approximate. •Design, functions, and specifications are subject to change without notice. •Some sample images are simulated. •Some accessories are not available in some countries. •The use of recorded or printed materials that are protected by copyright for any purpose other than personal enjoyment is prohibited, as it would infringe upon the rights of the copyright holder. •AVCHD Lite motion images recorded onto an SD Memory Card or a DVD disc cannot be played from a device that does not support the AVCHD standard. •The "AVCHD Lite" and "AVCHD Lite" logos are trademarks of Panasonic Corporation and Sony Corporation. AVCHD is a high-definition (HD) digital video recording / playback format jointly established by Panasonic Corporation and Sony Corporation. AVCHD Lite is a subset of the AVCHD format for HD digital video cameras with HD video recording restricted to 720P. The new "AVCHD Lite" logo and the "AVCHD Lite" license are restricted to devices within the AVCHD Video Camera category. Digital cameras have been added to the AVCHD Video Camera category. For more details, please refer to the "AVCHD Information Website". <http://www.avchd-info.org/> •Leica is a registered trademark of Leica Microsystems IR GmbH. •The LEICA DC VARIO-ELMARIT, VARIO-ELMAR, and VARIO-SUMMICRON lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the company's quality standards. •YouTube is a trademark of Google Inc. •Dolby and the double-D symbol are trademarks of Dolby Laboratories. •HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. •Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. •Apple® and Mac OS® are either registered trademarks or trademarks of Apple, Inc. in the United States and/or other countries. •QuickTime and the QuickTime logo are trademarks or registered trademarks of Apple, Inc., used under license therefrom. •Other names of systems and products mentioned in this brochure are generally the registered trademarks or trademarks of the manufacturers who developed the system or product concerned.



Panasonic

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Olympic Partner

Panasonic



www.panasonic-europe.com
<http://panasonic.net/lumix>

LOCAL DEALER

LUMIX

SUPER ZOOM MODELS

Perfect for travel, this compact, high-zoom camera makes it easy to shoot beautiful photos and HD movies*

NEW TZ7/TZ6 •TZ7

Silver Black Blue Brown Red
Silver Black

page8 ▶

10.1 Megapixels 25mm WIDE 12x Optical Zoom 3.0" LCD 2.7" LCD iA* FACE PHOTO & MOVIE HD MOVIE AVCHD Lite

*HD movies available on TZ7 only.

27mm wide-angle lens and 18x optical zoom capture emotional impact

FZ28 Silver Black

page21 ▶

10.1 Megapixels 27mm WIDE 18x Optical Zoom 2.7" LCD Manual Operation iA HD MOVIE

TOUGH MODEL

Waterproof, shockproof and ready for active outdoor fun

NEW FT1

Silver Orange Green Blue

page10 ▶

12.1 Megapixels 28mm WIDE 4.6x Optical Zoom 2.7" LCD iA* FACE PHOTO & MOVIE HD MOVIE AVCHD Lite

CREATIVE COMPACT

Stunning image quality with F2.0 24mm wide-angle LEICA DC VARIO-SUMMICRON lens

LX3 Silver Black

page23 ▶

10.1 Megapixels 24mm WIDE 2.5x Optical Zoom 3.0" LCD Manual Operation iA HD MOVIE

COMPACT MODELS

Stylish model with advanced functions and touch-screen operation

NEW FX550 Silver Black

page14 ▶

12.1 Megapixels 25mm WIDE 5x Optical Zoom 3.0" LCD Manual Operation iA* FACE PHOTO & MOVIE HD MOVIE

Impressive 14.7-megapixel high resolution and easy manual control

FX150 Silver Black

page22 ▶

14.7 Megapixels 28mm WIDE 3.6x Optical Zoom 2.7" LCD Manual Operation iA HD MOVIE

Smart 25mm wide-angle model with Face Recognition function

NEW FX40 Silver Black Pink White Red

page12 ▶

12.1 Megapixels 25mm WIDE 5x Optical Zoom 2.5" LCD iA* FACE PHOTO & MOVIE HD MOVIE

Easy shooting, easy viewing in a compact model with a large 3-inch LCD

NEW FS25 Silver Black

page16 ▶

12.1 Megapixels 29mm WIDE 5x Optical Zoom 3.0" LCD iA

29mm wide-angle lens, 12.1 megapixels, and a range of easy-to-use functions

NEW FS15 Silver Black Blue

page16 ▶

12.1 Megapixels 29mm WIDE 5x Optical Zoom 2.7" LCD iA

A cool, colorful camera that takes beautiful photos with automatic ease

NEW FS7/FS6 •FS7

Silver Black Blue Pink Green
Silver Black Red Blue Pink

page18 ▶

10.1 Megapixels 8.1 Megapixels 4x Optical Zoom 2.7" LCD 2.5" LCD iA

FS7 FS6 FS7 FS6

Easy to use, even for beginners, with iA mode and convenient AA battery operation

NEW LS85 Silver Black Pink

page20 ▶

8.1 Megapixels 4x Optical Zoom 2.5" LCD iA

INTERCHANGEABLE LENS SYSTEM CAMERA

An ultra-compact digital interchangeable lens system camera

G1 Black Red Blue

page24 ▶

12.1 Megapixels 3.0" Free-Angle LCD Manual Operation iA MICRO FOURTHIRDS

Let LUMIX do the work – and see how easy it is to take beautiful still photos and HD movies

Not Just Auto, Intelligent Auto.
Trust iA!

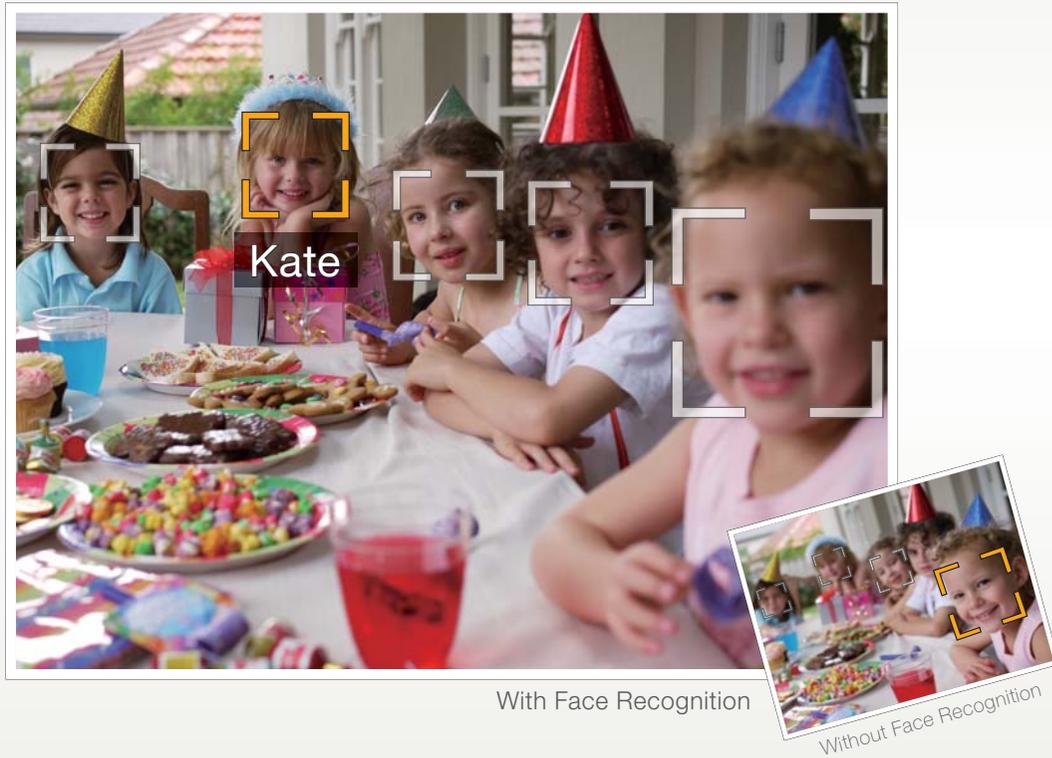
Stills

A camera that remembers faces



Panasonic's clever Intelligent Auto mode is smarter than ever. In select new LUMIX cameras the iA mode now includes Face Recognition, a function that "remembers" registered faces. When there's a familiar face in the frame, it optimizes the focus and exposure so that the face is in sharp focus and bright. This newly evolved technology makes it easy to get beautiful photos of a loved one in a group of people.

*Turn Face Recognition item ON and register the person with full-face portrait on the shooting menu in advance. Refer to back page for detail.



With Face Recognition

Without Face Recognition

Movies

Shoot HD motion images with iA ease



The TZ7 and FT1 make it even easier to take HD (high-definition) motion images by adding a movie button and AVCHD Lite, which lets you take beautiful, long-time HD movies. You can also use the iA mode to shoot motion images, and let the camera do all the work for you. This user-friendly mode automatically selects the most suitable Scene mode and helps correct blurring, focus and brightness problems. All you do is aim and shoot. iA is the easy way to capture beautiful HD movies.



iA Mode

Conventional

iA mode activates detection and correction functions, so you get beautiful, clear shots

<p>MEGA O.I.S.</p> <p>Helps prevent blurring from hand-shake</p> <p>MEGA O.I.S. OFF MEGA O.I.S. ON</p>	<p>Intelligent ISO Control</p> <p>Helps prevent blurring caused by the subject moving</p> <p>Normal ISO Auto Intelligent ISO Control</p>	<p>Intelligent Scene Selector</p> <p>Automatically selects the optimal Scene mode</p>	<p>Intelligent Exposure</p> <p>Brightens up dark areas</p> <p>Intelligent Exposure</p>	<p>Face Detection AF/AE</p> <p>Helps deliver clear portraits</p> <p>Face Detection AF/AE</p>	<p>AF Tracking</p> <p>Keeps the focus locked onto the subject, even if it moves</p>
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These detection and correction systems are not offered on all models. For details, please see LUMIX FUNCTIONS on pages 26 to 33.

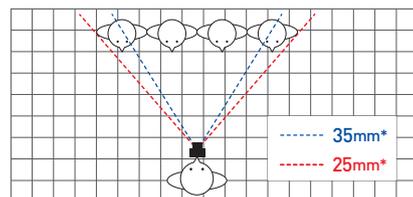
Advanced imaging technologies. Expansive wide-angle shots. Exquisite image rendering. That's the beauty of LUMIX.



* 35mm-lens equivalent

A Wide-Angle Lens Makes a Big Difference

The expressiveness of a wide-angle lens lies in its ability to capture spatial expanse and depth. When you want to shoot a sweeping landscape or fit all your friends in a photo when there isn't much room, there's nothing like a wide-angle lens. For example, the photo area of the 25mm wide-angle lens in the new TZ and FX Series is about 196% that of an ordinary 35mm lens, so you can fit more of your subject in the frame.



Development of the EA (extra-high refractive index aspherical) lens** has made it possible for Panasonic, a leader in optical technology, to fit a wide-angle lens into a slim and compact camera.

With LUMIX, everyone from beginners to experienced photographers can enjoy the advantages of wide-angle shooting. **Incorporated in the FX Series.



LEICA DC LENS Renders Clear, Beautiful Images with Minimal Distortion

LEICA DC LENS

The Leica DC lens inherits both its name and its outstanding quality from Leica Camera AG, maker of lenses renowned in the film camera world for their superb performance and compact size. The LEICA DC VARIO-ELMAR, LEICA DC VARIO-ELMARIT, and LEICA DC VARIO-SUMMICRON lenses are featured in LUMIX cameras. Each of these sophisticated lens systems includes several aspherical lenses to compensate for spherical aberration. And each features an advanced multi-coating process that is applied to lens surfaces to help prevent fogging caused by flare and ghosts caused by excessive light. *Leica is a registered trademark of Leica Microsystems IR GmbH. Leica DC lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the company's quality standards.



High-Speed, High-Quality Image Processing LSI

Venus Engine V and Venus Engine HD

The imaging power of LUMIX has evolved even further. Improved circuitry greatly reduces picture noise while preserving exceptional resolution, sharpness and color reproduction. The new Venus Engine V also introduces a new circuit that makes Face Recognition possible. And the Venus Engine HD boasts two CPUs which achieve the long-time HD motion picture recording in AVCHD Lite (MPEG-4/H.264) while maintaining low power consumption.

NEW | NEW
TZ7 | TZ6

Enjoy stunning photos and HD movies from 25mm wide-angle to 12x telephoto, with this handy hybrid still/motion image camera



MADE IN JAPAN



AVCHD Lite (TZ7) – beautiful HD motion images, extended shooting time

The TZ7 records HD motion images with 1280 x 720-pixel resolution. It uses the AVCHD Lite (MPEG-4/H.264), which achieves higher image quality and stores less data than the conventional Motion JPEG.

AVCHD Lite



Movie button for instant recording of videos.

Zoom-in movie: You can zoom in and out while shooting motion images.

Stereo mic: The world's first* compact camera to feature Dolby® Digital Stereo Creator, the TZ7 records dynamic, true-to-life audio that brings out the power of the HD images. *As of January 27, 2009.

Wind cut function: Minimizes the distracting sound you hear from the wind blowing into the mic.

PHOTOfunSTUDIO 3.0 HD Edition: This software (included with the camera) makes it easy to view and edit the AVCHD Lite motion images. *For details, please see "Included Software" on pages 37.

HDMI output and VIERA Link:



The TZ7 is equipped with an HDMI output terminal for direct transmission of digital image and sound signals. Just connect the camera to an HDTV using a single HDMI mini cable (purchased separately), and it's even easy to enjoy slideshow in which both still and motion images integrated in the recorded timeline. If you have a VIERA TV, you can control the camera's playback functions with VIERA's remote control unit.



*HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. *For details, please see "Living in High Definition with LUMIX" on pages 42.

iA mode, for beautiful photos and movies – automatically

Just set the camera to iA mode, aim and shoot. The camera does all the rest. It automatically determines the most suitable Scene mode and helps correct blurring, focus, and brightness problems. With iA mode, it's easy to get beautiful, clear results.

*In the TZ6, iA mode cannot be used when shooting motion images.



Intelligent Scene Selector

25mm wide-angle LEICA DC VARIO-ELMAR lens with 12x optical zoom

The TZ7/TZ6 packs a LEICA DC VARIO-ELMAR lens with 12x optical zoom into a compact body. This versatile photographic tool lets you shoot everything from sweeping vistas at the 25mm wide-angle setting to dynamic 300mm telephoto shots. And the lens system's exquisite rendering ability lets you capture even the subtle nuances of the sights and scenes in your travels.



Wide 25mm* 12x (300mm*) *35mm-lens equivalent

•Optional marine case for underwater photography (to a depth of 40 m/131 ft)



See pages 26 to 33 for more detailed information about the functions.

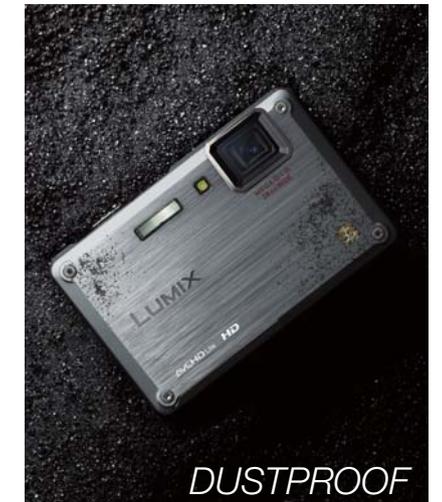
* Leica is a registered trademark of Leica Microsystems IR GmbH. Leica DC lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the company's quality standards. *Dolby and the double-D symbol are trademarks of Dolby Laboratories.

NEW
FT1

Gear up for active outdoor fun with a rugged hybrid still/motion image camera that makes it easy to capture beautiful photos and HD movies



MADE IN JAPAN



Waterproof, shockproof and dustproof

The camera body is waterproof to 3.0 m. It's dustproof too, so you don't have to worry about dust or sand getting inside. It

has passed drop tests at a height of 1.5 m. This is one tough little camera that you can take wherever the action takes you.

Please refer to back page for details about the waterproof and shockproof performance.

AVCHD Lite – lets you shoot beautiful HD motion images for a longer time

The FT1 records HD motion images with 1280 x 720-pixel resolution while zooming in and out. It uses the AVCHD Lite (MPEG-4/H.264), which achieves higher image quality and stores less data than the conventional Motion JPEG.



LED illumination lets you capture bright movies even in a dark place.



iA mode, for beautiful photos and movies – automatically

Just set the camera to iA mode, aim and shoot. The camera does the rest, automatically activating seven detection and correction functions. These include MEGA O.I.S., which helps prevent blurring due to shaky hands, and Face Recognition, which finds familiar faces in a group of people and captures them in clear focus and with proper exposure.*

*Turn Face Recognition item ON and register the person with full-face portrait on the shooting menu in advance. Refer to back page for detail.



MEGA O.I.S.

28mm wide-angle LEICA DC VARIO-ELMAR lens with 4.6x optical zoom

A retracting lens with folding optics is used in this 4.6x zoom lens system, which lets you take shots from 28mm wide-angle to 128mm telephoto. This gives you the flexibility for virtually any shooting situation – even underwater, where your movement is restricted and the angle of view becomes especially important for composing your picture.



Wide 28mm* * 35mm-lens equivalent 4.6x

•Optional marine case for underwater photography (to a depth of 40 m/131 ft)



See pages 26 to 33 for more detailed information about the functions. ▶



* Leica is a registered trademark of Leica Microsystems IR GmbH. Leica DC lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the company's quality standards. • Dolby and the double-D symbol are trademarks of Dolby Laboratories.

NEW
FX40

25mm wide-angle lens model
with Face Recognition and lots of style



When the camera finds a registered person, it displays the name and optimizes the focus and exposure specifically for that person.

An **iA** mode that's smart enough to remember faces

The FX40 features an enhanced iA mode that includes Face Recognition*, a function that "remembers" registered faces. When there's a familiar face in the frame, it optimizes the focus and exposure so that the face is in sharp focus and bright. iA mode also activates a host of functions (see list at right) that make it easy to get great shots.



- MEGA O.I.S. (Optical Image Stabilizer) helps prevent blurring caused by shaky hands when shooting.
- Intelligent ISO Control helps prevent blurring caused by the subject moving as you shoot.
- Intelligent Scene Selector selects the most suitable Scene mode for the situation.
- Intelligent Exposure adjusts the brightness of dark areas in an image.
- Face Detection AF/AE helps capture sharp, bright shots of faces.
- AF Tracking keeps the focus locked onto the subject, even if it moves.

*Turn Face Recognition item ON and register the person with full-face portrait on the shooting menu in advance. Refer to back page for detail.

Bright F2.8, 25mm wide-angle LEICA DC VARIO-ELMARIT lens with 5x optical zoom

The 25mm wide-angle lens in this super-compact camera captures almost twice the area of an ordinary 35mm lens, making it ideal for shooting group photos indoors or wide landscapes outdoors. The 5x optical zoom pulls distant subjects up close, and the exquisite rendering of the Leica DC lens lets you capture nuanced, expressive photos.



Standard 35mm* Wide 25mm* * 35mm-lens equivalent

Sorts and organizes photos with familiar faces

Thanks to Face Recognition technology, the camera can find photos of people and sort them in Category Playback mode. This makes it easy to display only photos of a particular person, or to set up a slideshow with just those photos.



- Up to 350 shots* on a single battery charge *Based on CIPA standards
- Optional marine case for underwater photography (to a depth of 40 m/131 ft)



A stylish model with
25mm wide-angle lens and AF Tracking

FX37



See pages 26 to 33 for more detailed information about the functions. ▶

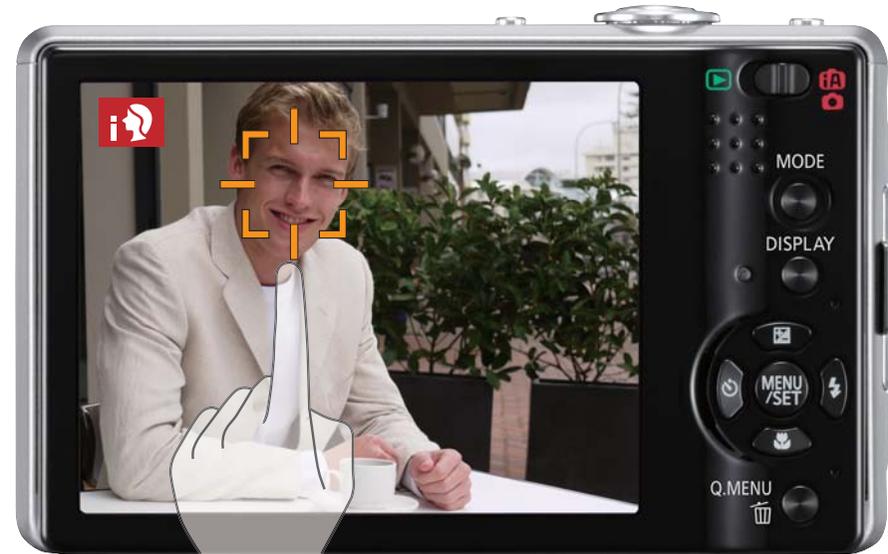
* Leica is a registered trademark of Leica Microsystems IR GmbH. Leica DC lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the company's quality standards.

NEW
FX550

A touch is all it takes: High-performance model with smart touch-screen operation



MADE IN JAPAN

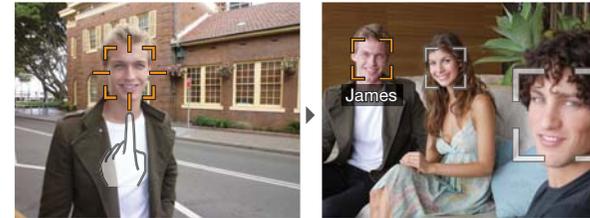


Operation is easier than ever with the hybrid cursor button and touch screen interface.

A 3.0-inch touch-screen LCD for easy use

Advanced Touch AF/AE and Face Recognition

Just "point out" the subject by touching the LCD, and the camera does the rest, adjusting the focus and exposure to capture a sharp, bright shot of your subject. Also, each time you indicate a face in iA mode, the Face Recognition function activates and "remembers" it. Subsequently, any time that face appears within a shot you're framing, the camera adjusts the focus and exposure to capture it perfectly.* *Turn Face Recognition item ON and register the person with full-face portrait on the shooting menu in advance. Refer to back page for detail.



Smooth manual operation

In Shutter-Priority AE, Aperture-Priority AE and Manual modes, just touch the slider bars by the LCD to set the shutter, aperture and exposure correction values.



With iA mode and touch operation, shooting is simple

In iA mode, you can simply "point out" your subject by touching it on the LCD. The camera does the rest, automatically selecting the shooting mode that gives the best results. You enjoy easy, intuitive shooting and capture beautiful images of the subject you want to shoot.



Easy white balance adjustment

Just touch the slider bars to fine-adjust the white balance. Color temperature can also be adjusted in a range of 2500 to 10000 K in 100-K intervals.



Easy playback with touch operation

The Touch Scroll control feature lets you advance to the next image (or return to the previous one) by simply brushing a finger across the screen. Other convenient playback functions made possible by touch-panel operation include Multi Playback, which lets you view thumbnails of up to 30 photos at once, Easy Search and Sort, and Zoom Playback.



Touch Scroll

•Up to 350 shots* on a single battery charge *Based on CIPA standards

See pages 26 to 33 for more detailed information about the functions. ▶

* Leica is a registered trademark of Leica Microsystems IR GmbH. Leica DC lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the company's quality standards.

NEW
FS25

Large screen for easy shooting, easy viewing



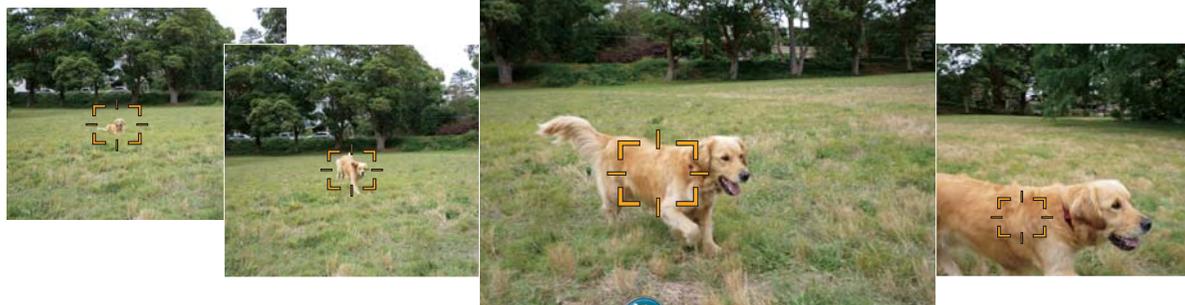
A host of easy-to-use functions

NEW
FS15



Capture the beauty of everyday moments.

A simple, stylish way to enjoy time with the family.



AF Tracking*

iA mode for one-touch beauty

Press the iA button, aim, and shoot. With the FS25/15, taking great photos is that easy. iA mode activates six detection and correction functions – including AF Tracking, which locks on and follows your subject – so you get beautiful, clear shots.



iA Button



Intelligent Exposure

- MEGA O.I.S. (Optical Image Stabilizer) helps prevent blurring when the camera shakes.
- Intelligent ISO Control helps prevent blurring caused by subject motion.
- Intelligent Scene Selector selects the optimal scene mode for the situation.
- Intelligent Exposure adjusts the brightness of dark areas in the image.
- Face Detection AF/AE helps deliver clear portraits.
- AF Tracking* locks the focus onto your moving subject.

*Dynamic tracking function may fail to lock, lose the subject in AF Tracking, or track different subject depending on the recording conditions.



LEICA DC VARIO-ELMAR lens with 5x optical zoom

The 29mm wide-angle lens captures a wider area than a standard 35mm lens. This combines with the superior rendering performance of the Leica DC lens and 5x optical zoom power. Using the digital Macro Zoom function, you can pull subjects even closer than the closest point possible with the wide-angle setting, and capture dramatic close-ups.



Macro Zoom



Wide 29mm* *35mm-lens equivalent



5x

Large, easy-to-see Intelligent LCD

The high-resolution, 230,000-dot LCD makes it easier to frame the shot before you shoot and check the results after you shoot. It also makes it more fun to view your photos with family and friends. The FS25's LCD is 3.0 inches. The FS15's is 2.7 inches.



•Up to 400 shots* on a single battery charge *Based on CIPA standards

The brightness changes to match your surroundings

The LCD brightness automatically adjusts in 11 steps to match the brightness of your surroundings. This ensures good viewability even outdoors on a sunny day, and improved viewing comfort when you're inside in a dark room.



Easy-to-see menu display

The layout of the settings in the menu display is extremely simple, making it easy to see and switch the settings.



See pages 26 to 33 for more detailed information about the functions.

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NEW
FS7

Sleek metallic



Cute and colorful

NEW
FS6



Colorful designs with a playful, fashionable look.

Cameras that are easy to carry, easy to use, and easy to enjoy.



With **iA** mode, taking a beautiful shot is as easy as pressing a button

Just press the iA button, aim and shoot. The camera does all the rest, automatically activating four detection and correction functions (see list at right). These include MEGA O.I.S., which helps prevent blurring due to shaky hands, and Intelligent ISO Control, which helps prevent motion blur when the subject won't stay still.

- MEGA O.I.S. (Optical Image Stabilizer) helps prevent blurring when the camera shakes.
- Intelligent ISO Control helps prevent blurring caused by subject motion.
- Intelligent Scene Selector selects the optimal scene mode for the situation.
- Face Detection AF/AE helps deliver clear portraits.

FS7



-S (Silver) -K (Black) -A (Blue) -P (Pink) -G (Green)



FS6

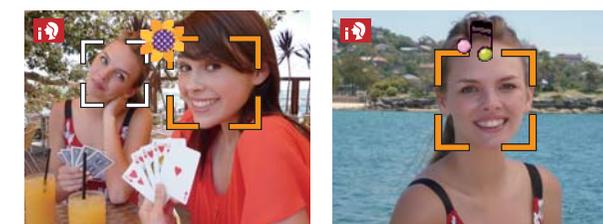
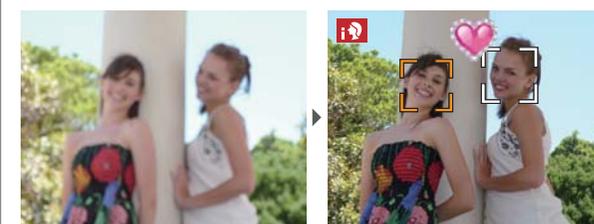


-S (Silver) -K (Black) -R (Red) -A (Blue) -P (Pink)



Choose the focus indicator you like most

In addition to the ordinary "●" mark that indicates when the shot is in focus, you can choose a heart, flower or three other designs.

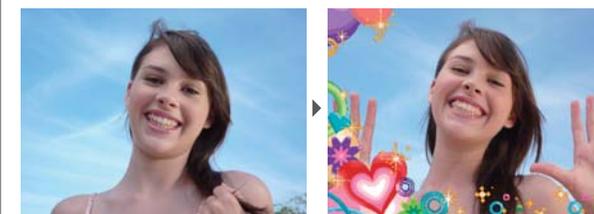


Put borders around your photos, without a PC

The versatile Scene mode range, which handles just about any situation and subject type, is a major LUMIX feature. The FS7 and FS6 let you store a frequently used Scene mode setting in My Scene mode. And in the newly added Photo Frame mode,

you can compose your shot while displaying one of the frames registered in the camera. This is a quick, easy way to produce photos with attractive borders.*

*The picture size is automatically resized to 2M (or below).



•Up to 360 (FS7) / 400 (FS6) shots* on a single battery charge

*Based on CIPA standards

See pages 26 to 33 for more detailed information about the functions.

* Leica is a registered trademark of Leica Microsystems IR GmbH. Leica DC lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the company's quality standards.

NEW
LS85

Even beginners can take beautiful shots with ease.
Plus convenient AA battery operation.



With **iA** mode, getting a great shot is as easy as pressing a button



Intelligent Scene Selector

Just press the iA button, aim and shoot. The camera does all the rest, automatically adjusting to the shooting conditions and



MEGA O.I.S.

helping to correct blurring, focus, and brightness problems. The results are beautiful.

2.5-inch Intelligent LCD adjusts its brightness as the lighting changes

The brightness of the LS85's high-resolution, 230,000-dot, 2.5-inch LCD automatically adjusts in 11 steps to match the brightness of your surroundings. This makes it easy for you to see the LCD when you're outdoors on a sunny day and improves viewing comfort at night or in a dark room.



Records motion images and sound

The LS85 also lets you record motion images complete with sound. The motion images are recorded in the WGA (848 x 480) format with a 16:9 aspect ratio to fit a wide-screen TV.



LS85
-S (Silver) -K (Black) -P (Pink)



See pages 26 to 33 for more detailed information about the functions. ▶

Wide-angle and zoom shots
at your fingertips

FZ28



MADE IN JAPAN

Bright F2.8, 27mm wide-angle LEICA DC VARIO-ELMARIT lens with a powerful 18x optical zoom



This compact camera features an excellent lens system with a 27mm-to-486mm (35mm equivalent) optical 18x zoom. For macro shots, the wide-angle setting lets you shoot all the way down to

1 cm (0.03 ft) from your subject, and the telephoto setting can be used up to 1 m (3.28 ft) from your subject.

iA mode helps prevent shooting mistakes in a variety of situations

The camera automatically activates MEGA O.I.S., Face Detection, Intelligent Exposure, Intelligent Scene Selector, Auto Backlight Compensation and other functions. If AF Tracking is selected in AF mode, the camera keeps your subject in focus even if it moves, providing sharp, clear photos.



Hi-Speed Burst mode with minimal smearing

You can continuously snap off pictures at a rate of up to 13* frames per second. The mechanical shutter helps prevent the smearing effect that is often generated in cameras with an electronic shutter and offers beautiful continuous images. * Speed Priority mode in 2M (16:9).



FZ28
-K (Black) -S (Silver)



See pages 26 to 33 for more detailed information about the functions. ▶

* Leica is a registered trademark of Leica Microsystems IR GmbH. Leica DC lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the company's quality standards.

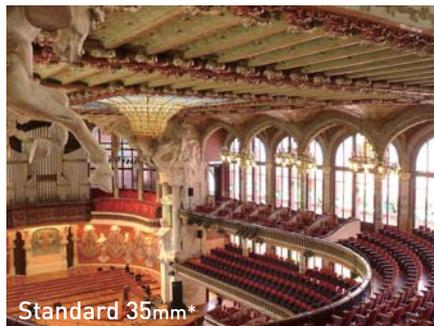
FX150

Smart, stylish shooting



MADE IN JAPAN

14.7-megapixel CCD and 28mm wide-angle LEICA DC VARIO-ELMARIT lens



The FX150 features a 1/1.72" CCD with an impressive 14.7-megapixel resolution, and combines it with a bright F2.8 LEICA DC VARIO-ELMARIT lens with 7 lens elements in 6 groups including an EA lens.

This lens offers high resolution and smooth gradation across the entire focal range, from 28mm wide-angle to 100mm telephoto, to depict subjects with exceptional detail and dynamic realism.

Simple manual exposure control

Use the cursor button to change the shutter speed and aperture manually. This makes manual operation fast and easy.



iA mode helps prevent shooting mistakes in a variety of situations

Just select iA mode, and let the camera do the rest. All you have to do is aim the camera and shoot. The camera automatically helps correct for blurring, out-of-focus shots and brightness.



See pages 26 to 33 for more detailed information about the functions. ▶

* Leica is a registered trademark of Leica Microsystems IR GmbH. Leica DC lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the company's quality standards.

A pleasure to own, a joy to use

LX3



MADE IN JAPAN

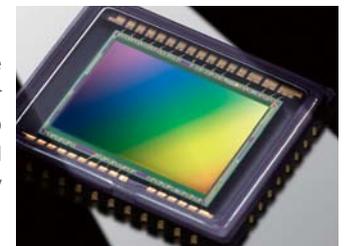
Large aperture F2.0, 24mm wide-angle LEICA DC VARIO-SUMMICRON lens

Featuring 8 lens elements in 6 groups including 4 aspherical lenses, the LEICA DC VARIO-SUMMICRON lens offers a large aperture of F2.0 and 24 mm wide angle that is very helpful when shooting at higher shutter speeds in low-lit situations or for giving backgrounds a gentle soft-focus. And it provides a focal length of 24mm to 60 mm [35mm equivalent]. From expansive wide-angle shooting to telephoto shots, the crystal-clear rendering and rich gradation of this lens express extremely fine details and nuances.



Large, high-sensitivity CCD for unprecedented image quality

The newly developed 1/1.63" CCD helps capture beautiful images with outstanding dynamic range and minimal noise. By optimizing the use of space within individual photocells to allow larger photodiodes, and by purposely keeping pixel resolution at 10.1 megapixels to allow more light to enter each photocell, the CCD has exceptional sensitivity and saturation performance. Combined with re-engineered circuitry around the sensor for more stable signal outputs, the LX3 can faithfully reproduce colors even in high contrast or low-lit situations.



Options to broaden your creative possibilities

- External Flash DMW-FL220
- Wide Conversion Lens DMW-LW46*
- External Viewfinder DMW-VF1
- Leather Case DMW-CLX3
- Lens Adapter DMW-LA4
- PL Filter DMW-LPL46*
- ND Filter DMW-LND46*
- MC Protector DMW-LMC46*



- 24mm wide-angle lens with multiple aspect ratios
- Film mode to give photos special expression
- Selectable focusing areas
- Large, 3.0-inch, Intelligent LCD with 460,000-dot resolution
- Manual operation with joystick
- Macro shooting capability as close as 1 cm (0.03 ft)
- Versatile flash functions for 1st-curtain synchro, 2nd-curtain synchro, and consecutive shooting



See pages 26 to 33 for more detailed information about the functions. ▶

* Leica is a registered trademark of Leica Microsystems IR GmbH. Leica DC lenses are manufactured using measurement instruments and quality assurance systems that have been certified by Leica Camera AG based on the company's quality standards.

An Ultra-Compact Digital Interchangeable Lens System Camera



G1

MADE IN JAPAN



-K (Black) -R (Red) -A (Blue)

LUMIX G lenses: Convenient portability, superb rendering



LUMIX G VARIO 14-45mm/
F3.5 - 5.6 ASPH./MEGA O.I.S. LUMIX G VARIO 45-200mm/
F4.0 - 5.6/MEGA O.I.S.

- Micro Four Thirds: The open standard that led to the mirror-less body
- Full-time Live View shows you before you shoot how the settings change the photo
- Live View Finder – an electronic viewfinder complete with Full-time Live View
- iA mode automatically selects the most appropriate settings
- Contrast AF helps make Full-time Live View even more effective

- My Color mode puts you in control of the color
- Four Thirds adaptability – Multiplying photographic possibilities
- 12.1-megapixel Live MOS sensor: Higher image quality, lower power consumption
- Dust reduction system protects the image sensor
- 1920 x 1080-pixel HD (high-definition) photo recording
- HD output-ready for the HDTV age

LUMIX G™
MICRO SYSTEM

Change the way you see the world



L10



- Dramatic change in shooting style – Free-angle 2.5" LCD for Full-time Live View
- A dual AF system, with TTL phase difference AF and contrast AF
- LEICA D VARIO-ELMAR 14-50mm/F3.8-5.6 ASPH./MEGA O.I.S. lens
- Advanced Scene modes give you even more control

A D-SLR that feels the way a camera should



L1



- LEICA D VARIO-ELMARIT 14-50 mm/F2.8-3.5 ASPH./MEGA O.I.S. lens
- An aperture ring on the lens barrel responds intuitively to your intent
- A shutter speed dial on the camera body with a familiar feel
- Full-time Live View allows you to shoot in new ways

• Four Thirds, Four Thirds Logo mark, Micro Four Thirds and Micro Four Thirds Logo mark are trademarks or registered trademarks of Olympus Imaging Corporation.
• For detailed information on the LUMIX G Micro System and digital SLR series, please see <http://panasonic.net/lumix/>

LUMIX FUNCTIONS 1

Innovative LUMIX Technologies

iA Intelligent Auto Mode (Photo)

Press a button or turn a dial to select iA mode, and your LUMIX camera automatically activates a host of advanced functions and technologies – described below – that make it easy to capture beautiful, clear shots.



MEGA O.I.S. (Optical Image Stabilizer)

Built-in gyrosensors detect even slight camera movement caused by hand-shake. The system then compensates for the shake so you get clear, sharp photos.



Intelligent ISO Control

This system detects if the subject is moving as you shoot, and automatically adjusts the ISO setting and shutter speed accordingly to help prevent motion blur.



Face Detection AF/AE

This function determines if there are any faces in the photo and adjusts the focus and exposure to capture them correctly. When you take shots with the flash, digital processing minimizes the red-eye effect.* *Except LS85.



Face Recognition

Face Recognition "remembers" faces that have been registered in the camera from previous shots, and optimizes the focus and exposure to capture them perfectly. This clever function makes it easy to get beautiful photos of loved ones in a group of people. *Turn Face Recognition item ON and register the person with full-face portrait on the shooting menu in advance. Refer to back page for detail.



Intelligent Scene Selector

This function automatically sets the camera to whichever of five scene modes – Portrait, Night Portrait, Scenery, Night Scenery or Macro – is best for the situation.



Intelligent Exposure

The camera corrects the brightness in parts of the image that are too dark due to insufficient lighting, backlighting or use of the flash.



AF Tracking

Once you focus on your subject, AF Tracking automatically and continuously tracks it and keeps it in focus.



Focusing Functions

A Choice of Auto Focus Modes

Choose the auto focus mode that best suits the situation. In addition to Face Detection AF and AF Tracking, you can choose from 1-area, 1-area high-speed, Spot, and Multi. *The AF area setting menu varies by model. For details, please see the specifications on pages 34 to 38.

Selectable AF Area

While using 1-area, 1-area high-speed, Spot, or Multi-area AF mode, you can specify the area out of 11 AF areas. You can thereby enjoy free framing even with the subject not at the center. Some models let you set the AF area to any location within the frame.

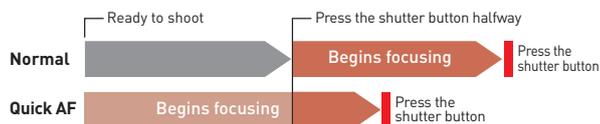


AF Assist Lamp

For use in dim lighting, this lamp slightly illuminates the subject to help the AF system focus correctly.

Quick AF

When the camera detects that you have assumed a shooting stance, it automatically begins focusing. This system gets you ready to catch critical shots faster than systems that don't begin focusing until you press the shutter button halfway. *The focus speed may be slower in dark surroundings.



Continuous AF

The camera is always focusing, which reduces AF delays.

Manual Focus

You can manually focus with the joystick. And you can also use the assist function, which enlarges the center of the image to make focusing easier. The focusing area can be enlarged up to 4x and is movable.



Basic Functions

Light Metering

The light can be measured in three ways as a guideline for exposure: Intelligent Multiple, Center Weighted, or Spot. Simply switch the metering method to match the shooting scene or your shooting intent. *Some models offer Intelligent Multiple metering only.

White Balance Settings

Choose from six preset white balance settings: Auto, Daylight, Cloudy, Shade, Flash, Halogen, and White Set. This is handy when there are several different light sources and it's difficult to get the exact coloration you want.

*White balance setting menu varies by model. For details, please see the specifications on pages 34 to 38.

White Balance Adjustment

When it's difficult to get the exact coloring you want, you can add bluish or reddish tones in +/-10 steps of 150 kelvins each*. Some models let you make adjustments on both the red/blue axis and the magenta/green axis in +/- 9 steps.

*In Auto mode the white balance is determined automatically and cannot be adjusted.

ISO Sensitivity Settings

You can choose the light-receiving sensitivity from Auto, I.ISO, 80, 100, 200, 400, 800, 1600, or 3200*. *ISO setting menu varies by model. For details, please see the specifications on pages 34 to 38.

ISO Limit Set

When using ISO Auto mode, you can preset exactly the upper ISO limit that you want. This lets you shoot within the sensitivity range that you have set, to reflect your intentions in particular shooting situations.

Auto Bracketing

This shoots three shots at slightly graduated exposures (+/- 1/3 - 1 EV step). Pick the best of the three to keep.

Advanced Shooting Functions

Wide-Angle Shooting

A wide-angle lens captures a wider photo area than a standard 35mm lens. This is a big advantage when you're trying to capture the grandeur of a sweeping landscape or massive building, or when you're in a small room trying to take a group photo.



Extra Optical Zoom

This function provides additional magnification, extending the zoom power by using the center part of the CCD. When compared with conventional digital zoom functions that directly enlarge the image data, it provides better image quality.

Easy Zoom Button

Press this button once and the zoom lens instantly extends to full telescopic. Press it twice and the Extra Optical Zoom also activates and extends to full telescopic. With this quick zooming, you're ready in an instant when a great opportunity arises.

Flash Synchro

You can use the flash function with 1st curtain and 2nd curtain synchro settings to add an effective nuance according to the scene. The 2nd curtain synchro activates the flash just before the shutter closes, making it appear that the light source is actually behind the subject.

Select Among 3 Aspect Ratios

In addition to the conventional 4:3 image format, you can select the 16:9 or 3:2 format to suit the shot you're composing. 16:9 images are perfect for viewing on a wide-screen TV. *When using a plasma display to show 16:9 images recorded on an SD Memory Card, the images may not fill the entire screen.



Multi Aspect Mode

The camera takes pictures in each of the three aspect ratios (4:3, 3:2, 16:9) in one go. And you can reproduce images shot with the lens set from wide end to tele end in any of three aspect ratios.



MEGA BURST Consecutive Shooting

The camera lets you snap off consecutive shots at up to 3 frames per second* with full resolution. *The maximum number of frames varies with different models and settings.

Unlimited Consecutive Shooting

The Unlimited Consecutive Shooting function lets you keep on shooting until the memory card is full. You can take a series of shots, then choose the one you like best and delete the rest. *The consecutive shooting speed varies depending on the model, shooting conditions and memory card.

Multiple Exposure

You can take up to three exposures in a single frame. You can also apply automatic gain compensation according to your requirements.

Film Mode

Much like changing the film type in a film camera, you can enjoy a wide range of expression based on six color modes and three monochromatic modes.

Color Mode / Color Effect Mode

Choose from five or seven preset Color Mode settings: Cool, Warm, Black & White, Sepia, Natural*, Standard*, and Vivid*. In some models, the bracketing function can provide three types of image. *Not offered on all models.



Picture Adjustment

Choose from four picture adjustment settings: Contrast, Sharpness, Saturation and Noise Reduction. Each setting can be individually set to Low, Standard or High.

RAW Format Compatibility

You can record original image data directly from the CCD without any image processing. Using SILKYPIX® Developer Studio software utility, you can develop RAW data to create an image with the effect you wanted when you took the shot. *The "PHOTOunSTUDIO -viewer-" and ArcSoft® "MediaImpression™" software utilities included in the CD-ROM are designed just to convert RAW files into JPEG images.

Comparison Chart

Innovative LUMIX Technologies	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
iA Intelligent Auto Mode (Photo)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MEGA O.I.S. (Optical Image Stabilizer)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Intelligent ISO Control	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Face Detection AF/AE	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Face Recognition	●	-	●	●	-	●	-	-	-	-	-	-	-	-
Intelligent Scene Selector	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Intelligent Exposure	●	●	●	●	●	●	●	●	-	-	-	●	●	●
AF Tracking	●	●	●	●	●	●	●	●	-	-	-	●	●	●

Focusing Functions	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
A Choice of Auto Focus Modes	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Selectable AF Area	-	-	-	-	-	-	-	-	-	-	-	●	●	●
AF Assist Lamp	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Quick AF	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Continuous AF	●	●	●	-	-	-	-	-	-	-	-	●	-	●
Manual Focus	-	-	-	-	-	-	-	-	-	-	-	●	-	●

Basic Functions	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
Light Metering	●	●	[Intelligent Multiple only]	[Intelligent Multiple only]	[Intelligent Multiple only]	●	[Intelligent Multiple only]	●	●	●				
White Balance Settings	●	●	●	●	●	●	●	●	●	●	●	●	●	●
White Balance Adjustment	●	●	●	●	●	[2-axis]	-	-	-	-	-	[2-axis]	[2-axis]	[2-axis]
ISO Sensitivity Settings	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ISO Limit Set	-	-	-	-	-	●	-	-	-	-	-	●	●	●
Auto Bracketing	●	●	●	●	●	●	●	●	●	●	-	●	●	●

Advanced Shooting Functions	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
Wide-Angle Shooting	25mm	25mm	28mm	25mm	25mm	25mm	29mm	29mm	33mm	33mm	33mm	27mm	28mm	24mm
Extra Optical Zoom (Maximum*)	21.4x	21.4x	9.0x	9.8x	8.9x	9.8x	9.8x	9.8x	7.1x	6.4x	6.4x	32.1x	7.7x	4.5x
Easy Zoom Button	-	-	-	-	-	●	-	-	-	-	-	-	-	-
Flash Synchro	-	-	-	-	-	-	-	-	-	-	-	●	●	●
Select Among 3 Aspect Ratios	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Multi Aspect Mode	●	-	-	-	-	-	-	-	-	-	-	-	-	●
MEGA BURST Consecutive Shooting	2.3 fps	2.5 fps	2.3 fps	2.3 fps	2.5 fps	2.3 fps	1.8 fps	1.8 fps	2.3 fps	3 fps	3 fps	2.5 fps	2 fps	2.5 fps
Unlimited Consecutive Shooting	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Multiple Exposure	-	-	-	-	-	-	-	-	-	-	-	●	●	●
Film Mode	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Color Mode / Color Effect Mode	●	●	●	●	●	[Bracketing]	●	●	●	●	●	[Bracketing]	[Bracketing]	-
Picture Adjustment	-	-	-	-	-	●	-	-	-	-	-	●	●	●
RAW Format Compatibility	-	-	-	-	-	-	-	-	-	-	-	●	●	●

*When recording at 3M resolution or less.

LUMIX FUNCTIONS 2

LCD Functions

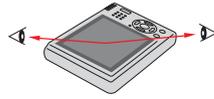
Intelligent LCD

In a brightly lit place, such as outdoors under the sun, the Auto Power LCD function increases the brightness level of the backlight by about 40% maximum in several steps. When shooting in a dark place, such as at night, the frame rate is adjusted based on the pixel mixed readout method to brighten the screen in two to three steps.



Wide-Viewing-Angle LCD

The LCD offers a wide viewing angle from any direction, making it easy to confirm images, even when looking at the screen diagonally.



High Angle Mode

Makes it easier to see the monitor while holding the camera high to shoot over a crowd.



Real-Time Histogram

This graph, which can be displayed in the LCD as you compose the shot, shows the status of the exposure and contrast in real-time.



Highlight Display

A flashing indicator on the LCD shows any parts of the image that have been overexposed.



Composition Guidelines

You can use composition guidelines from two patterns* according to the shooting subject. And guidelines can be shown at the same time as other information and icons.



Easy-to-See Menu Display

The layout of the settings in the menu display is extremely simple, making it easy to see and switch the settings.



Playback Functions

Multi Display

After shooting, enjoy viewing your photos on your LUMIX camera's LCD. View them as a slide show; display 1, 12 or 30 images at a time; or use Calendar View to see thumbnails of all the shots taken on a particular date.



Slideshow

You can watch an ordinary slide show that displays every image, or you can use Favorite Image Slideshow and specify which images to play. You can also select background music to make your slideshow even more entertaining.



Category Playback

This function sorts photos into several categories - Portrait, Scenery, Event, and others - and lets you play back the images or view slideshows of the shots in a particular category.



Personal Category Playback

Using Face Recognition technology, the camera can find photos of people you specify, and arrange a slideshow of just those photos. This is a big help, for example, when you've taken a number of photos of someone and you want to choose the best one.



Mode Playback

With this function, the camera will automatically organize all of the still and motion images that are mixed together in memory. This makes it possible to view still images, AVCHD Lite motion images and Motion JPEG images separately.

Dual-Image Playback

The dual-image playback display feature makes it easier to compare two images in detail to see the differences in focus accuracy and contrast.



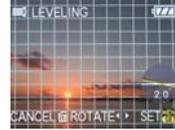
9 Still Images Cut Out from a Motion Image

Motion images can be converted into a series of nine or just one snapshot. This is effective in moving scenes when you want to look carefully at the movement of a sports person, etc.



Image Leveling

Pictures that lean to the right or left can be corrected horizontally or vertically.



Convenient Functions

Quick Menu

You can instantly access a variety of the settings needed most often. These include white balance, ISO sensitivity, image size, compression format, auto focus mode, light metering and so on.



World Time Setting

After you select one of 74 locations on the map, the camera automatically calculates and displays the local time.



Travel Date Setting

Input the time and date of your departure before you leave home, then use the camera to capture all the best moments of your trip. When you view the photos later, the camera will display them according to the day of the trip each photo was taken.



Title Edit

Using the cursor button on the camera, you can edit titles onto your images - people's names, places, events or other information.



Text Stamp

When traveling, you can stamp the day of the trip on the photos you take. Or, if you have a baby, you can stamp his or her age in months and name on your photos. The stamped information appears on photos.

*When the date is stamped on a photo, the photo is automatically resized to 3M (4:3)/2.5M (3:2)/2M (16:9), or the original size is maintained for photos smaller than 3M. However, you can choose either to save or overwrite the original picture.



Flip Animation

Using up to 100 of your photos, you can create a "flip animation" clip up to 20 seconds long.

Audio Recording

Add 5 seconds of sound to pictures as you shoot. Or, if you prefer, add up to 10 seconds of sound after shooting.

HD Output

Using an optional HDMI mini cable or component cable you can connect your LUMIX camera to an HDTV, and view your HD photos and HD movies (1080i) in stunning high-definition quality.

VIERA Link

Connect your LUMIX camera to a Panasonic VIERA TV with an HDMI mini cable (purchased separately), and it's easy to view your photos and motion images on the big screen. Just use the TV remote to select or play the images. You enjoy stunning HD images and sounds, with quick, easy connection and effortless operation.



Focus Icon

Instead of the ordinary "●" mark on the LCD that indicates when your subject is in focus, you can choose a heart, flower or three other symbols.



Comparison Chart

LCD Functions	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
Intelligent LCD	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wide-Viewing-Angle LCD	●	-	●	●	●	●	-	-	-	-	-	-	-	●
High Angle Mode	-	●	-	-	-	-	●	●	●	●	●	●	-	-
Real-Time Histogram	●	●	●	●	●	●	-	-	-	-	-	●	●	●
Highlight Display	-	-	-	-	-	●	-	-	-	-	-	●	●	●
Composition Guidelines	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Easy-to-See Menu Display	●	●	●	●	-	●	●	●	●	●	●	-	-	-

Playback Functions	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
Multi Display	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Slideshow	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Category Playback	●	●	●	●	●	●	●	●	●	●	-	●	●	●
Personal Category Playback	●	-	●	●	-	●	-	-	-	-	-	-	-	-
Mode Playback	●	-	●	-	-	-	-	-	-	-	-	-	-	-
Dual-Image Playback	-	-	-	-	-	●	●	-	-	-	-	-	-	●
9 Still Images Cutout from a Motion Image	-	-	-	-	-	●	-	-	-	-	-	●	●	●
Image Leveling	●	●	●	●	●	●	-	-	-	-	-	●	●	●

Convenient Functions	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
Quick Menu	●	●	●	●	●	●	●	●	●	●	●	●	●	●
World Time Setting	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Travel Date Setting	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Title Edit	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Text Stamp	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Flip Animation	-	-	-	-	-	-	-	-	-	-	-	●	-	-
Audio Recording	●	●	●	●	●	●	-	-	-	-	-	●	●	●
HD Output	● (HDMI)	-	● (HDMI)	● (Component)	● (Component)	● (Component)	-	-	-	-	-	● (Component)	● (Component)	● (Component)
VIERA Link	●	-	●	-	-	-	-	-	-	-	-	-	-	-
Focus Icon	●	●	●	●	-	●	●	●	●	●	-	-	-	-

LUMIX FUNCTIONS 3

Movie Functions

iA Intelligent Auto Mode (Movie)

Select iA mode, and your LUMIX camera automatically activates a host of advanced functions and technologies – described below – that make it easy to capture beautiful, clear motion images.

MEGA O.I.S. (Optical Image Stabilizer)

This function fights blurring due to shaky hands as you shoot. You get crisp, sharp shots, even at high zoom levels.

Face Detection AF/AE

This function detects when there are faces in the frame, and automatically adjusts the exposure, contrast, skin complexion effect, and focus so they turn out perfectly. It can find up to 15 faces in a frame.

Intelligent Scene Selector

This function senses the shooting conditions and selects the scene setting (Portrait, Scenery, Low Light, or Macro) that will provide the best results.

Intelligent Exposure

This function continually checks the ambient light level and adjusts the exposure setting as conditions change, preventing blown highlights and blocked shadows.

HD Movie

You can shoot high-quality HD motion images in the progressive format, which minimizes flicker. The 1280 x 720-pixel images provide spectacular viewing on a large-screen HDTV. If you're using a LUMIX model that features the AVCHD Lite (MPEG-4/H.264), you can record for a longer time without running out of memory because AVCHD Lite stores less data than the conventional Motion JPEG.

Movie Button

Press this button and the camera starts recording right away, regardless of whether it's in Rec or Play mode. You're ready to shoot quickly when there's a sudden shooting opportunity.



Zoom-in Movie

You can zoom in and out while shooting motion images, just like with stills.

Movie Scene Modes

17 different scene modes including sports, portrait, low light, surf and snow modes make it easy to get great motion images in specific situations.

Wind Cut

A digital circuit detects the wind direction and velocity and adjusts the directivity of the microphones accordingly. This dramatically reduces both wind noise and sound degradation in the low frequency range.



Stereo Microphone

The LUMIX cameras are the first* in the industry to feature Dolby® Digital Creator sound. In addition to recording voices clearly, this high-quality system captures audio that conveys the atmosphere of the shooting location. *As of January 27, 2009.

Comparison Chart

Movie Functions	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
iA Intelligent Auto Mode (Movie)	●	-	●	-	-	-	-	-	-	-	-	-	-	-
HD Movie	● (AVCHD Lite)	-	● (AVCHD Lite)	●	●	●	-	-	-	-	-	●	●	●
Movie Button	●	-	●	-	-	-	-	-	-	-	-	-	-	-
Zoom-in Movie	●	●	●	-	-	-	-	-	-	-	-	●	-	-
Movie Scene Modes	●	-	●	-	-	-	-	-	-	-	-	-	-	-
Wind Cut	●	-	●	-	-	-	-	-	-	-	-	-	-	-
Stereo Microphone	●	-	-	-	-	-	-	-	-	-	-	-	-	-

Optional Accessories	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
Tele Conversion Lens	-	-	-	-	-	-	-	-	-	-	-	●	-	-
Wide Conversion Lens	-	-	-	-	-	-	-	-	-	-	-	-	-	●
Close-up Lens	-	-	-	-	-	-	-	-	-	-	-	●	-	-
MC Protector	-	-	-	-	-	-	-	-	-	-	-	●	-	●
ND (Neutral Density) Filter	-	-	-	-	-	-	-	-	-	-	-	●	-	●
PL (Polarizing) Filter	-	-	-	-	-	-	-	-	-	-	-	●	-	●
External TTL Flash	-	-	-	-	-	-	-	-	-	-	-	-	-	●
External Viewfinder	-	-	-	-	-	-	-	-	-	-	-	-	-	●
Marine Case	●	●	●	●	●	-	-	-	-	-	-	-	-	-
Component Cable	-	-	-	●	●	●	-	-	-	-	-	●	●	●
HDMI Mini Cable	●	-	●	-	-	-	-	-	-	-	-	-	-	-

Optional Functions

Tele Conversion Lens

Increases your total zoom power. Gives you the power to bring even more distant objects into range.



Wide Conversion Lens

Increases the field of view at lower zoom settings, so you can shoot a wider area.



Close-up Lens

This lens is excellent for impressive macro photography. The distance to the subject is reduced to between 40 and 50 cm (1.31 to 1.64 ft) in telephoto shots. Better depth of field and enlargement.



MC Protector

Protects the camera lens from scratches and other damage.

ND (Neutral Density) Filter

Reduces light intensity by 3 aperture stops and allows slower shutter speeds.

PL (Polarizing) Filter

Helps eliminate reflections while preserving the naturally vivid colors of the subject.



External TTL Flash

Provides perfect lighting for shots of subjects farther away in the dark.



External Viewfinder

This compact optical viewfinder attaches to the hot shoe. It comes with a 24mm frame (35mm camera equivalent).



Marine Case

Explore the exciting world of underwater photography. You can also use this waterproof case for worry-free shooting in wet weather, at the beach, or on the ski slopes.



Component Cable

This cable lets you connect your LUMIX camera directly to an HDTV, so you can view your HD photos and HD movies (1080i) with the incredible resolution, detail and vibrancy today's HDTVs provide.

HDMI Mini Cable

This cable lets you send your still photos and motion images (and the accompanying soundtrack) from the camera directly to an HDTV, with virtually no degradation.



Included Software

PHOTOfunSTUDIO

This clever software sorts photos into practical folders that are created automatically as you upload the photos from the camera to a PC. The folders and their icons are linked with your LUMIX by the Rec mode or Scene mode names. The software* also lets you use your PC to view AVCHD Lite movies that you record with LUMIX. * Version 3.0 HD Edition only.



SILKYPIX® Developer Studio

This application lets you produce high-resolution images from RAW data recorded with your camera. In addition to adjusting the exposure and white balance, it lets you perform advanced color conversions, correct lens aberrations, and eliminate noise in dark areas of the image.

ArcSoft® Panorama Maker™

Use this to stitch together photos that you took in Panorama Assist mode. You can easily create incredible, natural-looking panorama photos.

Rec. Mode (Mode Dial / Mode Button)

iA Intelligent Auto Mode

This mode not only helps eliminate blurring from hand-shake or subject movement, it also helps you capture perfect portraits by detecting the face and selecting the focus, exposure and Scene mode that get the best results. And it's all automatic.

Normal Picture (Program AE) Mode

The camera automatically determines the subject's brightness and sets the aperture and shutter speed accordingly. You can adjust the white balance, ISO sensitivity and other settings*. *These settings can be adjusted in all modes except Motion Picture mode.

Macro (Close-up) Mode

Use this mode to take incredible close-ups. You can focus on subjects within about 5 cm (0.16 ft) of the lens*. *3 cm (0.098 ft) for the TZ7 and TZ6 / 1 cm (0.03 ft) for the FZ28 and LX3; when shooting with the lens in the wide-angle setting.

Tele Macro

Set the zoom to maximum telephoto and you can take shots at a mere 1 m (3.28 ft) from the subject, with the background in soft focus.

Macro Zoom

Using the digital zoom function, you can pull subjects even closer than the closest point possible with the wide-angle setting, and capture dramatic close-ups.

Included Software	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
PHOTOfunSTUDIO (Version)	3.0 HD Edition	3.0	3.0 HD Edition	3.0	2.1E	3.0	3.0	3.0	3.0	3.0	3.0	2.1E	2.1E	2.1E
SILKYPIX® Developer Studio	-	-	-	-	-	-	-	-	-	-	-	●	●	●
ArcSoft® Panorama Maker™	●	●	●	●	●	●	●	●	●	●	-	●	●	●

Rec. Mode (Mode Dial / Mode Button)	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
iA Intelligent Auto Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Normal Picture (Program AE) Mode	●	●	●	●	●	-	●	●	●	●	●	-	-	-
Macro (Close-up) Mode	● (Tele Macro) (Macro Zoom)	● (Tele Macro) (Macro Zoom)	● (Macro Zoom)	● (Macro Zoom)	●	● (Macro Zoom)	●	-*	●	●				
Program AE Mode	-	-	-	-	-	●	-	-	-	-	-	●	●	●
Aperture Priority AE Mode	-	-	-	-	-	●	-	-	-	-	-	●	-	●
Shutter Priority AE Mode	-	-	-	-	-	●	-	-	-	-	-	●	-	●
Manual Exposure Mode	-	-	-	-	-	●	-	-	-	-	-	●	● [Simple]	●
Motion Picture Mode	Movie Button	●	Movie Button	●	●	●	●	●	●	●	●	●	●	●
C1/C2 Custom Mode	-	-	-	-	-	-	-	-	-	-	-	●	-	●
Clipboard Mode	●	●	●	●	●	-	-	-	-	-	-	-	-	-
Advanced SCN Mode	-	-	-	-	-	-	-	-	-	-	-	●	-	-
MS My SCN Mode	●	●	-	-	-	●	●	●	●	●	-	-	-	-
SCN SCN Modes	●	●	●	●	●	●	●	●	●	●	●	●	●	●

*Included in the detailed settings of the Advanced SCN modes.

P Program AE Mode

The camera makes the optimal aperture and shutter speed settings for you.

A Aperture Priority AE Mode

Set the aperture to between F2.8 and F8.0* to obtain the desired depth of field.

*This range varies by model. For details, please see the specifications on pages 34 to 38.

S Shutter Priority AE Mode

Set the shutter speed between 1/2000 and 60 seconds to freeze or emphasize movements.

M Manual Exposure Mode

You have full control over both the shutter speed and aperture.

Motion Picture Mode

You can shoot smooth motion images at 30 fps, complete with sound, in WVGA (848 x 480) or VGA size (640 x 480). Some models can also record motion images in high definition (720p). When viewing the results, you will be suitably impressed by displaying 16:9 motion images on a large-screen HDTV.

C1/C2 Custom Mode

You can store in memory up to three sets of frequently used settings, such as the Scene mode, white balance and AF and photometry modes. Later, you can instantly recall those settings by selecting Custom mode.

Clipboard Mode

You can take photos of maps, timetables and other travel info. They are saved in a separate folder of the built-in memory to distinguish them from normal photos.

Advanced SCN Modes

In Scenery, Portrait, Sports, Night Portrait and Close-up modes, you can select additional, more detailed settings, such as Normal, Indoor, Outdoor, and Creative.

Portrait	Normal, Soft Skin, Outdoor, Indoor, Creative
Scenery	Normal, Nature, Architecture, Creative
Sports	Normal, Outdoor, Indoor, Creative
Night Portrait	Night Portrait, Night Scenery, Illuminations, Creative
Close-up	Flower, Objects, Food, Creative

MS My SCN Mode

You can register the Scene modes you use most often, and then select them instantly when you need them.

SCN SCN Modes

Select one or two of the modes on the following page to suit the shooting situation. You can also access a help screen that explains what each mode is for.

LUMIX FUNCTIONS 4

SCN (Scene) Modes

Portrait Mode

Adjusts the exposure and coloration so that skin tones look true and natural.



Soft Skin Mode

Softens the tone in skin-color areas, making minor blemishes and wrinkles less noticeable.



Scenery Mode

Provides quick focusing and crisp detail - especially good for shooting landscapes or scenery.



Sports Mode

Uses a higher shutter speed, making it possible to catch clear, sharp, dynamic action shots.



Panning Mode

Conveys a sense of motion by capturing a moving subject in crisp focus and blurring the background.



Night Portrait Mode

For portraits against nighttime scenery, using a flash. Hold the camera firmly and the subject should keep still for at least 1 second.



Night Scenery Mode

For taking a picture with night scenery. Shutter will be set to max. 8 sec. Be sure to use a tripod.



Self-Portrait Mode

Aim the camera at yourself, wait for the LED to light up (indicating that you're in focus), and take the shot.



Food Mode

Good for taking shots of special meals, this mode assures that colors are fresh, vivid and natural in all kinds of lighting.



Party Mode

For indoor shots. Colors come out more naturally with artificial light.



Candle Light Mode

Lets you capture the naturally warm color of scenes lit by candles.



Fireworks Mode

Uses a slower shutter speed to capture the glittering beauty of fireworks.



Starry Sky Mode

For shots of the night sky or other nighttime scenes with exposures of up to 60 seconds.



Beach Mode

Avoids underexposure of the subject in strong sunlight.



Aerial Photo Mode

For shooting through an airplane window.



Snow Mode

Exposure and white balance are set to reproduce snow in its true whiteness.



High Sensitivity Mode

Raises the ISO sensitivity, which lets you shoot at a higher shutter speed to prevent blurred shots of moving subjects. *3M (4:3), 2.5M (3:2) or 2M (16:9) is selected as the picture size; Note that resolution is significantly lower at this setting.



Baby Mode (1 and 2)

Skin tones are slightly softened to enhance beauty. Input the date of your baby's birthday, and keep a running photographic record as he or she grows up. You can also input your baby's name. You can set two birth dates to track two different children.



Underwater Mode

Intended especially for underwater use with the optional Marine Case, this mode gives photos natural coloring even when the subject is lit by only a small amount of light.



Sunset Mode

Emphasizing red tones, this mode is designed to capture clear, vivid shots of colorful sunsets.



Pet Mode

Because pets often won't hold still, this mode switches the camera to Intelligent ISO Control, which helps prevent motion blur. If you input your pet's date of birth, its age in months (at the time a photo was taken) is displayed when you view photos. You can also input the pet's name or other.



Hi-Speed Burst Mode

You can capture a crucial moment with perfect timing. *3M (4:3), 2.5M (3:2) or 2M (16:9) is selected as the picture size.



Flash Burst Mode

You can take consecutive flash shots without having to wait for the flash to recharge. *3M (4:3), 2.5M (3:2) or 2M (16:9) is selected as the picture size.



Pin Hole Mode

The light intensity at the periphery of the shot image is reduced to make the picture look as if it was shot with a pinhole camera.



Film Grain Mode

This mode converts the image to a monochromatic picture and then enhances the contrast to create a film grain effect.



Transform Mode

You can expand or contract the image in the horizontal direction to create a different, fun photo. Expansion/contraction can be set in 5 steps.



Panorama Assist Mode

This mode helps you take a series of images for use in a panorama photo, checking to ensure that adjacent shots have sufficient overlap. *You can use ArcSoft® Panorama Maker™ software (included with the camera) to stitch the images into a single panorama photo.



Photo Frame Mode

You can compose your shot while displaying one of the borders registered in the camera. This is a quick, easy way to produce photos with attractive borders. *The picture size is automatically resized to 2M (or below).



Beach & Surf Mode

This mode prevents both the blue cast that typically occurs with images recorded underwater and the blown highlights that often result in photos taken on bright days at the beach.



Comparison Chart

SCN (Scene) Modes	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
Portrait Mode	●	●	●	●	●	●	●	●	●	●	●	-*	●	●
Soft Skin Mode	●	●	●	●	●	●	●	●	●	●	●	-*	●	●
Scenery Mode	●	●	●	●	●	●	●	●	●	●	●	-*	●	●
Sports Mode	●	●	Mode Dial	●	●	●	●	●	●	●	●	-*	●	●
Panning Mode	-	-	-	-	-	-	-	-	-	-	-	●	-	-
Night Portrait Mode	●	●	●	●	●	●	●	●	●	●	●	-*	●	●
Night Scenery Mode	●	●	●	●	●	●	●	●	●	●	●	-*	●	●
Self-Portrait Mode	●	●	●	●	●	●	●	●	●	●	●	-	●	●
Food Mode	●	●	●	●	●	●	●	●	●	●	●	-*	●	●
Party Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Candle Light Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fireworks Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Starry Sky Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Beach Mode	●	●	-	●	●	●	●	●	●	●	●	●	●	●
Aerial Photo Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Snow Mode	●	●	Mode Dial	●	●	●	●	●	●	●	●	●	●	●

SCN (Scene) Modes	TZ7	TZ6	FT1	FX40	FX37	FX550	FS25	FS15	FS7	FS6	LS85	FZ28	FX150	LX3
High Sensitivity Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Baby Mode (1 and 2)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Underwater Mode	●	●	●	●	●	-	-	-	-	-	-	-	-	-
Sunset Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Pet Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hi-Speed Burst Mode (Maximum)	10 fps	10 fps	10 fps	10 fps	6 fps	10 fps	5 fps	5 fps	6 fps	5.5 fps	4.5 fps	13 fps	7 fps	6 fps
Flash Burst Mode	●	●	●	●	●	●	●	●	●	●	-	●	●	●
Pin Hole Mode	●	●	●	●	●	●	●	●	-	-	-	●	●	●
Film Grain Mode	●	●	●	●	●	●	●	●	●	●	-	●	●	●
Transform Mode	●	●	●	●	●	●	●	●	●	●	-	-	●	-
Panorama Assist Mode	●	●	●	●	-	●	-	-	-	-	-	-	-	-
Photo Frame Mode	-	-	-	-	-	-	●	●	●	●	-	-	-	-
Beach & Surf Mode	-	-	●	-	-	-	-	-	-	-	-	-	-	-

*Included in the detailed settings of the Advanced SCN modes.

Specifications

		DMC-TZ7	DMC-TZ6	DMC-FT1	DMC-FX40	DMC-FX37	DMC-FX550	
CCD	Camera Effective Pixels	10.1 megapixels	10.1 megapixels	12.1 megapixels	12.1 megapixels	10.1 megapixels	12.1 megapixels	
	Sensor Size / Total Pixels / Filter	1/2.33" / 12.7 total megapixels / Primary Color Filter	1/2.5" / 10.3 total megapixels / Primary Color Filter	1/2.33" / 12.7 total megapixels / Primary Color Filter	1/2.33" / 12.7 total megapixels / Primary Color Filter	1/2.33" / 10.7 total megapixels / Primary Color Filter	1/2.33" / 12.7 total megapixels / Primary Color Filter	
	Aperture	F3.3 – 4.9 / Iris Diaphragm (F3.3 – 6.3 [W] / F4.9 – 6.3 [T])	F3.3 – 4.9 / Iris Diaphragm (F3.3 – 6.3 [W] / F4.9 – 6.3 [T])	F3.3 – 5.9 / 2-Step (F3.3 – 11 [W] / F5.9 – 18 [T])	F2.8 – 5.9 / Iris Diaphragm (F2.8 – 8.0 [W] / F5.9 – 8.0 [T])	F2.8 – 5.9 / Iris Diaphragm (F2.8 – 8.0 [W] / F5.9 – 8.0 [T])	F2.8 – 5.9 / Iris Diaphragm (F2.8 – 8 [W] / F5.9 – 8 [T])	
	Optical Zoom / Focal Length	12x / f=4.1 – 49.2 mm [35 mm equiv.: 25 – 300 mm] (available in Motion Picture mode)	12x / f=4.1 – 49.2 mm [35 mm equiv.: 25 – 300 mm]	4.6x / f=4.9 – 22.8 mm [35 mm equiv.: 28 – 128 mm]	5x / f=4.4 – 22.0 mm [35 mm equiv.: 25 – 125 mm]	5x / f=4.4 – 22.0 mm [35 mm equiv.: 25 – 125 mm]	5x / f=4.4 – 22.0 mm [35 mm equiv.: 25 – 125 mm]	
Lens	Extra Optical Zoom (Max.)	21.4x (3M or below)	21.4x (3M or below)	9.1x (3M or below)	9.8x (3M or below)	8.9x (3M or below)	9.8x (3M or below)	
	Lens System	LEICA DC VARIO-ELMAR 10 elements in 8 groups (2 aspherical lenses, 2 ED lens)	LEICA DC VARIO-ELMAR 10 elements in 8 groups (2 aspherical lenses, 2 ED lens)	LEICA DC VARIO-ELMAR 10 elements in 8 groups (5 aspherical lenses, 1 ED lens)	LEICA DC VARIO-ELMAR 7 elements in 6 groups (4 aspherical lenses, 1 EA lens)	LEICA DC VARIO-ELMAR 7 elements in 6 groups (4 aspherical lenses, 1 EA lens)	LEICA DC VARIO-ELMAR 7 elements in 6 groups (4 aspherical lenses, 1 EA lens)	
Optical Image Stabilizer	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	
Digital Zoom	4x (Max. 85.5x combined with Extra Optical Zoom)	4x (Max. 85.5x combined with Extra Optical Zoom)	4x (Max. 36.0x combined with Extra Optical Zoom)	4x (Max. 39.2x combined with Extra Optical Zoom)	4x (Max. 39.2x combined with Extra Optical Zoom)	4x (Max. 39.2x combined with Extra Optical Zoom)	4x (Max. 39.2x combined with Extra Optical Zoom)	
Focus	Focusing Area	Normal: 50 cm [1.64 ft] [W] / 200 cm [6.56 ft] [T] – ∞ Macro / Intelligent AUTO / Clipboard: 3 cm [0.098 ft] [W] / 200 cm [6.56 ft] [T] – ∞ Tele Macro: 100 cm [3.28 ft] – ∞	Normal: 50 cm [1.64 ft] [W] / 200 cm [6.56 ft] [T] – ∞ Macro / Intelligent AUTO / Clipboard: 3 cm [0.098 ft] [W] / 200 cm [6.56 ft] [T] – ∞ Tele Macro: 100 cm [3.28 ft] – ∞	Normal: 30 cm [0.98 ft] – ∞ Macro / Intelligent AUTO : 5 cm [0.16 ft] [W] / 30 cm [0.98 ft] [T] – ∞	Normal: 50 cm [1.64 ft] [W] / 100 cm [3.28 ft] [T] – ∞ Macro / Intelligent AUTO : 5 cm [0.16 ft] [W] / 100 cm [3.28 ft] [T] – ∞	Normal: 50 cm [1.64 ft] [W] / 100 cm [3.28 ft] [T] – ∞ Macro / Intelligent AUTO / Clipboard: 5 cm [0.16 ft] [W] / 100 cm [3.28 ft] [T] – ∞	Normal: 50 cm [1.64 ft] [W] / 100 cm [3.28 ft] [T] – ∞ Macro / Intelligent AUTO / Clipboard: 5 cm [0.16 ft] [W] / 100 cm [3.28 ft] [T] – ∞	Normal: 50 cm [1.64 ft] [W] / 100 cm [3.28 ft] [T] – ∞ Macro / Intelligent AUTO : 5 cm [0.16 ft] [W] / 100 cm [3.28 ft] [T] – ∞
	AF Assist Lamp	Yes	Yes	Yes [and LED illumination light]	Yes	Yes	Yes	
	Focus	Normal / Macro, Continuous AF (On / Off), AF Tracking (On / Off), Quick AF (On / Off)	Normal / Macro, Continuous AF (On / Off), AF Tracking (On / Off), Quick AF (On / Off)	Normal / Macro, Continuous AF (On / Off), AF Tracking (On / Off), Quick AF (On / Off)	Normal / Macro, AF Tracking (On / Off), Quick AF	Normal / Macro, AF Tracking (On / Off), Quick AF (On / Off)	Normal / Macro, AF Tracking (On / Off), Quick AF (On / Off)	Normal / Macro, Touch AF Tracking (On / Off), Quick AF (On / Off)
	AF Mode	Face / AF Tracking / Multi (11-area) / 1-area HS / 1-area / Spot	Face / AF Tracking / Multi (11-area) / 1-area HS / 1-area / Spot	Face / AF Tracking / Multi (11-area) / 1-area HS / 1-area / Spot	Face / AF Tracking / Multi (11-area) / 1-area HS / 1-area / Spot	Face / AF Tracking / Multi (11-area) / 1-area HS / 1-area / Spot	Face / AF Tracking / Multi (11-area) / 1-area HS / 1-area / Spot	Face / Touch AF Tracking / Multi (11-area) / 1-area HS / 1-area / Spot / Touched area
Recording File Format	Still Image	JPEG (DCF / Exif2.21), DPOF compatible	JPEG (DCF / Exif2.21), DPOF compatible	JPEG (DCF / Exif2.21), DPOF compatible	JPEG (DCF / Exif2.21), DPOF compatible	JPEG (DCF / Exif2.21), DPOF compatible	JPEG (DCF / Exif2.21), DPOF compatible	
	Still Image with Audio	JPEG (DCF / Exif2.21) + QuickTime	JPEG (DCF / Exif2.21) + QuickTime	JPEG (DCF / Exif2.21) + QuickTime	JPEG (DCF / Exif2.21) + QuickTime	JPEG (DCF / Exif2.21) + QuickTime	JPEG (DCF / Exif2.21) + QuickTime	
File Size (Pixels)	Motion Image	AVCHD Lite, QuickTime Motion JPEG	QuickTime Motion JPEG	AVCHD Lite, QuickTime Motion JPEG	QuickTime Motion JPEG	QuickTime Motion JPEG	QuickTime Motion JPEG	
	Still Image	4:3	10M [3648 x 2736] / 7M [3072 x 2304] / 5M [2560 x 1920] / 3M [2048 x 1536] / 2M [1600 x 1200] / 0.3M [640 x 480]	10M [3648 x 2736] / 7M [3072 x 2304] / 5M [2560 x 1920] / 3M [2048 x 1536] / 2M [1600 x 1200] / 0.3M [640 x 480]	12M [4000 x 3000] / 8M [3264 x 2448] / 5M [2560 x 1920] / 3M [2048 x 1536] / 2M [1600 x 1200] / 0.3M [640 x 480]	12M [4000 x 3000] / 8M [3264 x 2448] / 5M [2560 x 1920] / 3M [2048 x 1536] / 2M [1600 x 1200] / 0.3M [640 x 480]	10M [3648 x 2736] / 7M [3072 x 2304] / 5M [2560 x 1920] / 3M [2048 x 1536] / 2M [1600 x 1200] / 0.3M [640 x 480]	12M [4000 x 3000] / 8M [3264 x 2448] / 5M [2560 x 1920] / 3M [2048 x 1536] / 2M [1600 x 1200] / 0.3M [640 x 480]
		3:2	9.5M [3776 x 2520] / 6.5M [3168 x 2112] / 4.5M [2656 x 1768] / 3M [2112 x 1408] / 2.5M [2048 x 1360]	9M [3648 x 2432] / 6M [3072 x 2048] / 4.5M [2560 x 1712] / 2.5M [2048 x 1360]	10.5M [4000 x 2672] / 7M [3264 x 2176] / 4.5M [2560 x 1712] / 2.5M [2048 x 1360]	10.5M [4000 x 2672] / 7M [3264 x 2176] / 4.5M [2560 x 1712] / 2.5M [2048 x 1360]	9M [3648 x 2432] / 6M [3072 x 2048] / 4.5M [2560 x 1712] / 2.5M [2048 x 1360]	10.5M [4000 x 2672] / 7M [3264 x 2176] / 4.5M [2560 x 1712] / 2.5M [2048 x 1360]
		16:9	9M [3968 x 2232] / 6M [3328 x 1872] / 4.5M [2784 x 1568] / 2.5M [2208 x 1248] / 2M [1920 x 1080]	7.5M [3648 x 2056] / 5.5M [3072 x 1728] / 3.5M [2560 x 1440] / 2M [1920 x 1080]	9M [4000 x 2248] / 6M [3264 x 1840] / 3.5M [2560 x 1440] / 2M [1920 x 1080]	9M [4000 x 2248] / 6M [3264 x 1840] / 3.5M [2560 x 1440] / 2M [1920 x 1080]	7.5M [3648 x 2056] / 5.5M [3072 x 1728] / 3.5M [2560 x 1440] / 2M [1920 x 1080]	9M [4000 x 2248] / 6M [3264 x 1840] / 3.5M [2560 x 1440] / 2M [1920 x 1080]
	Motion Image	4:3	QVGA [320 x 240] at 30 fps / VGA [640 x 480] at 30 fps [Motion JPEG]	QVGA [320 x 240] at 30 fps / VGA [640 x 480] at 30 fps [Motion JPEG]	QVGA [320 x 240] at 30 fps / VGA [640 x 480] at 30 fps [Motion JPEG]	QVGA [320 x 240] at 30 fps / VGA [640 x 480] at 30 fps [Motion JPEG]	QVGA [320 x 240] at 10 or 30 fps / VGA [640 x 480] at 30 fps [Motion JPEG]	QVGA [320 x 240] / VGA [640 x 480], 30 fps [Motion JPEG]
		16:9	WVGA [848 x 480] at 30 fps [Motion JPEG]	WVGA [848 x 480] at 30 fps [Motion JPEG]	WVGA [848 x 480] at 30 fps [Motion JPEG]	WVGA [848 x 480] at 30 fps [Motion JPEG]	WVGA [848 x 480] at 30 fps [Motion JPEG]	WVGA [848 x 480], 30 fps [Motion JPEG]
HD	1280 x 720 at 50p* [AVCHD Lite, SH: 17 Mbps / H: 13 Mbps / L: 9 Mbps] / 30 fps [Motion JPEG] *CCD output is 25p.	-	1280 x 720 at 50p* [AVCHD Lite, SH: 17 Mbps / H: 13 Mbps / L: 9 Mbps] / 30 fps [Motion JPEG] *CCD output is 25p.	1280 x 720 at 30 fps [Motion JPEG]	1280 x 720 at 30 fps [Motion JPEG]	1280 x 720 at 30 fps [Motion JPEG]	1280 x 720, 30 fps [Motion JPEG]	
Image Quality	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	
Rec. Mode	Mode Dial / Mode Button	Intelligent AUTO, Normal Picture, My SCN1, My SCN2, SCN, Clipboard	Intelligent AUTO, Normal Picture, My SCN, SCN, Motion Picture, Clipboard	Intelligent AUTO, Normal Picture, SCN, Beach & Surf, Snow, Sports, Clipboard	Intelligent AUTO, Normal Picture, SCN, Motion Picture, Clipboard	Intelligent AUTO, Normal Picture, SCN, Motion Picture, Clipboard	Intelligent AUTO, My SCN, SCN, Motion Picture, P, A, S, M	
	iA Direct Button	-	-	-	-	-	-	
	Movie Button	Yes	-	Yes	-	-	-	
	Still Image SCN Mode	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Panorama Assist, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby 1, Baby 2, Pet, Sunset, High Sensitivity, Hi-Speed Burst (Image Priority / Speed Priority), Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pinhole, Film Grain, Underwater	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Panorama Assist, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby 1, Baby 2, Pet, Sunset, High Sensitivity, Hi-Speed Burst (Image Priority / Speed Priority), Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pinhole, Film Grain, Underwater	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Panorama Assist, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High Sensitivity, Hi-Speed Burst (Image Priority / Speed Priority), Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pinhole, Film Grain, Underwater	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Panorama Assist, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby 1, Baby 2, Pet, Sunset, High Sensitivity, Hi-Speed Burst (Image Priority / Speed Priority), Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pinhole, Film Grain, Underwater	Portrait, Soft Skin, Transform, Scenery, Sports, Night Portrait, Night Scenery, Self-Portrait, Food, Party, Candle Light, Fireworks, Starry Sky, Beach, Aerial Photo, Snow, High Sensitivity, Baby1, Baby2, Sunset, Pet, Hi-speed Burst, Underwater, Flash-Burst, Film Grain, Pin Hole	Portrait, Soft Skin, Transform, Scenery, Sports, Night Portrait, Night Scenery, Self-Portrait, Food, Party, Candle Light, Fireworks, Starry Sky, Beach, Aerial Photo, Snow, High Sensitivity, Baby1, Baby2, Sunset, Pet, Hi-speed Burst, Underwater, Flash-Burst, Film Grain, Pin Hole	
	Movie SCN Mode	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Low Light, Food, Party, Candle Light, Sunset, Beach, Snow, Aerial, Pinhole, Film Grain, Underwater, High Sensitivity (Activated by selecting Still Image SCN Mode then pressing Movie Button. Still Image SCN Modes without corresponding Movie SCN Mode is recorded in Normal Mode.)	-	-	-	-	-	
Advanced SCN Mode	-	-	-	-	-	-		
Continuous Shooting	Full-Resolution Image	2.3 fps; Max. 5 [Standard] / 3 [Fine] images	2.5 fps; Max. 5 [Standard] / 3 [Fine] images	2.3 fps; Max. 5 [Standard] / 3 [Fine] images	2.3 fps; Max. 5 [Standard] / 3 [Fine] images	2.5 fps; Max. 5 [Standard] / 3 [Fine] images	2.3 fps; Max. 5 [Standard] / 3 [Fine] images	
	Hi-Speed Burst Mode (Max.)	Approx. 10 fps [3M for 4:3 / 2.5M for 3:2 / 2M for 16:9]	Approx. 10 fps [3M for 4:3 / 2.5M for 3:2 / 2M for 16:9]	Approx. 10 fps [3M for 4:3, 2.5M for 3:2, 2M for 16:9]	Approx. 10 fps [3M for 4:3, 2.5M for 3:2, 2M for 16:9]	Approx. 6 fps [3M for 4:3, 2.5M for 3:2, 2M for 16:9]	Approx. 10 fps [3M for 4:3, 2.5M for 3:2, 2M for 16:9]	
Shutter Speed	8 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	8 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	8 – 1/1300 sec (Starry Sky mode : 15, 30, 60 sec)	8 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	8 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	60 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	60 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	
Exposure	Program AE	Program AE	Program AE	Program AE	Program AE	Program AE, Aperture Priority AE, Shutter Priority AE, Manual	Program AE, Aperture Priority AE, Shutter Priority AE, Manual	
Exposure Compensation	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	
Backlight Compensation	Yes [in Intelligent AUTO mode]	Yes [in Intelligent AUTO mode]	Yes [in Intelligent AUTO mode]	Yes [in Intelligent AUTO mode]	Yes [in Intelligent AUTO mode]	Yes [in Intelligent AUTO mode]	Yes [in Intelligent AUTO mode]	
Auto (AE) Bracketing	+/-1/3 EV – 1 EV step, 3 frames	+/-1/3 EV – 1 EV step, 3 frames	+/-1/3 EV – 1 EV step, 3 frames	+/-1/3 EV – 1 EV step, 3 frames	+/-1/3 EV – 1 EV step, 3 frames	+/-1/3 EV – 1 EV step, 3 frames	+/-1/3 EV – 1 EV step, 3 frames	
Color Bracketing	-	-	-	-	-	-	Standard / Black & White / Sepia (3 images)	
Light Metering	Intelligent Multiple / Center Weighted / Spot	Intelligent Multiple / Center Weighted / Spot	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple / Center Weighted / Spot	Intelligent Multiple / Center Weighted / Spot	
ISO Sensitivity	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	
White Balance	Auto / Daylight / Cloudy / Shade / Halogen / White Set Adjustable in +/-10 steps (except Auto)	Auto / Daylight / Cloudy / Shade / Halogen / White Set Adjustable in +/-10 steps (except Auto)	Auto / Daylight / Cloudy / Shade / Halogen / White Set Adjustable in +/-10 steps (except Auto)	Auto / Daylight / Cloudy / Shade / Halogen / White Set Adjustable in +/-10 steps (except Auto)	Auto / Daylight / Cloudy / Shade / Halogen / White Set Adjustable in +/-10 steps (except Auto)	Auto / Daylight / Cloudy / Shade / Halogen / White Set Adjustable in +/-10 steps (except Auto)	Auto / Daylight / Cloudy / Shade / Halogen / White Set / Color Temperature 2-axis adjustable in +/- 9 steps	
Face Recognition	Yes	-	Yes	Yes	-	-	Yes	
Film Mode	-	-	-	-	-	-	-	
Color Mode / Color Effect	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Black & White, Sepia, Cool, Warm	
Picture Adjustment	-	-	-	-	-	-	Contrast / Sharpness / Saturation / Noise Reduction	
Self Timer	2 sec / 10 sec	2 sec / 10 sec	2 sec / 10 sec	2 sec / 10 sec	2 sec / 10 sec	2 sec / 10 sec	2 sec / 10 sec	
Playback Mode	Normal Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Mode Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Leveling, Protection, Aspect conversion, DPOF print setting, Playback of motion pictures (AVCHD Lite / Motion JPEG)	Normal Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Leveling, Protection, Aspect conversion, DPOF print setting, Playback of motion pictures (Motion JPEG)	Normal Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Mode Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Leveling, Protection, Aspect conversion, DPOF print setting, Playback of motion pictures (AVCHD Lite / Motion JPEG)	Normal Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Leveling, Protection, Aspect conversion, DPOF print setting, Playback of motion pictures (Motion JPEG)	Normal Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Leveling, Protection, Aspect conversion, DPOF print setting, Playback of motion pictures (Motion JPEG)	Normal Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Leveling, Protection, Aspect conversion, DPOF print setting, Playback of motion pictures (Motion JPEG)	Normal Playback, Dual-Image Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Easy Organization (Set Favorites / Delete / Edit (Resize / Trimming / Leveling / Title Edit / Text Stamp / Protect), Touch-Zoom Playback (16x Max.), Playback of favorite pictures, Category Playback, Slideshow (duration & effect with music is selectable), Leveling, DPOF print setting, Playback of motion pictures (Motion JPEG)	
LCD Monitor	3.0" TFT LCD (460K dots), Approx. 100% coverage, Wide Viewing Angle	2.7" TFT LCD (230K dots), Approx. 100% coverage	2.7" TFT LCD (230K dots), Approx. 100% coverage, Wide Viewing Angle	2.5" TFT LCD (230K dots), Approx. 100% coverage, Wide Viewing Angle	2.5" TFT LCD (230K dots), Approx. 100% coverage, Wide Viewing Angle	2.5" TFT LCD (230K dots), Approx. 100% coverage, Wide Viewing Angle	3.0" TFT Touch Screen LCD (230K dots), Approx. 100% coverage, Wide Viewing Angle	
Viewfinder	-	-	-	-	-	-	-	
Flash	Built-in-Flash	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./ Red-eye Reduction, Forced Off	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./ Red-eye Reduction, Forced Off	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./ Red-eye Reduction, Forced Off	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./ Red-eye Reduction, Forced Off	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./ Red-eye Reduction, Forced Off	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./ Red-eye Reduction, Forced Off	
	Flash Range [ISO Auto]	0.6 – 5.3 m [1.97 – 17.39 ft] [W] / 1.0 – 3.6 m [3.28 – 11.81 ft] [T]	0.6 – 5.3 m [1.97 – 17.39 ft] [W] / 1.0 – 3.6 m [3.28 – 11.81 ft] [T]	0.3 – 5.1 m [0.98 – 16.73 ft] [W] / 0.3 – 2.8 m [0.98 – 9.19 ft] [T]	0.6 – 6.0 m [1.97 – 19.69 ft] [W] / 1.0 – 2.8 m [3.28 – 9.19 ft] [T]	0.6 – 6.0 m [1.97 – 19.69 ft] [W] / 1.0 – 2.8 m [3.28 – 9.19 ft] [T]	0.6 – 6.0 m [1.97 – 19.69 ft] [W] / 1.0 – 2.8 m [3.28 – 9.19 ft] [T]	0.6 – 6.0 m [1.97 – 19.69 ft] [W] / 1.0 – 2.8 m [3.28 – 9.19 ft] [T]
Digital Red-Eye Correction	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	
Built-in-Memory	Approx. 40 MB	Approx. 40 MB	Approx. 40 MB	Approx. 40 MB	Approx. 40 MB	Approx. 40 MB	Approx. 40 MB	
Microphone / Speaker	Stereo / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	
Interface	mini HDMI, USB2.0 High Speed / AV Output (Stereo Type, NTSC/PAL, NTSC only for North America) / DC Input (requires optional Multi-Adapter)	USB2.0 High Speed / AV Output (Stereo Type, NTSC/PAL, NTSC only for North America) / DC Input (requires optional Multi-Adapter)	miniHDMI, USB2.0 High Speed / AV Output (Stereo Type, NTSC/PAL, NTSC only for North America) / DC Input (requires optional Multi-Adapter)	HD Component Output, AV Output (NTSC/PAL, NTSC only for North America) / USB2.0 High Speed, DC Input (requires optional DC Coupler)	DC Input, AV Output (NTSC/PAL), HD Component Output, USB2.0 High Speed	HD Component Output, AV Output (NTSC/PAL, NTSC only for North America) / USB2.0 High Speed, DC Input (requires optional DC Coupler)	HD Component Output, AV Output (NTSC/PAL, NTSC only for North America) / USB2.0 High Speed, DC Input (requires optional DC Coupler)	
HDMI Output	Video: Auto / 1080i / 720p / 576p Audio: Dolby® Digital Stereo Creator	-	Video: Auto / 1080i / 720p / 576p Audio: Dolby® Digital Creator	-	-	-	-	
Direct Print	PictBridge	PictBridge	PictBridge	PictBridge	PictBridge	PictBridge	PictBridge	
Battery	ID-Security Li-ion Battery Pack (3.6 V, Typical: 950 mAh / Minimum: 895 mAh), AC Adapter (optional)	ID-Security Li-ion Battery Pack (3.6 V, Typical: 950 mAh / Minimum: 895 mAh), AC Adapter (optional)	Li-ion Battery Pack (3.6 V, Typical: 1000 mAh / Minimum: 940 mAh), AC Adapter (optional)	Li-ion Battery Pack (3.6 V, Typical: 1000 mAh / Minimum: 940 mAh), AC Adapter (optional)	Li-ion Battery Pack (3.6 V, Typical: 1000 mAh / Minimum: 940 mAh), AC Adapter (optional)	Li-ion Battery Pack (3.6 V, Typical: 1000 mAh / Minimum: 940 mAh), AC Adapter (optional)	Li-ion Battery Pack (3.6 V, Typical: 1000 mAh / Minimum: 940 mAh), AC Adapter (optional)	
Battery Life [CIPA**]	Approx. 300 images	Approx. 320 images	Approx. 340 images	Approx. 350 images	Approx. 310 images	Approx. 350 images	Approx. 350 images	
Included Software	PHOTOfunSTUDIO 3.0 HD Edition, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO 3.0, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO 3.0 HD Edition, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO 3.0, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO-viewer- 2.1 E, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO-viewer- 2.1 E, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO 3.0, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	
Standard Accessories	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap (with Stopper), CD-ROM	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM, Touch Pen	
Dimensions [W x H x D]	Approx. 103.3 x 59.6 x 32.8 mm [4.07 x 2.35 x 1.29 in]	Approx. 103.3 x 59.6 x 32.8 mm [4.07 x 2.3						

Specifications

		DMC-FS25	DMC-FS15	DMC-FS7	DMC-FS6	DMC-LS85	DMC-FZ28	
CCD	Camera Effective Pixels	12.1 megapixels	12.1 megapixels	10.1 megapixels	8.1 megapixels	8.1 megapixels	10.1 megapixels	
	Sensor Size / Total Pixels / Filter	1/2.33" / 12.7 total megapixels / Primary Color Filter	1/2.33" / 12.7 total megapixels / Primary Color Filter	1/2.5" / 10.35 total megapixels / Primary Color Filter	1/2.5" / 8.32 total megapixels / Primary Color Filter	1/2.5" / 8.32 total megapixels / Primary Color Filter	1/2.33" / 10.7 total megapixels / Primary Color Filter	
Lens	Aperture	F3.3 – 5.9 / Iris Diaphragm (F3.3 – 8.0 [W] / F5.9 – 8.0 [T])	F3.3 – 5.9 / Iris Diaphragm (F3.3 – 8.0 [W] / F5.9 – 8.0 [T])	F2.8 – 5.9 / 2-Step (F2.8 – 8.0 [W] / F5.9 – 16.0 [T])	F2.8 – 5.9 / 2-Step (F2.8 – 8.0 [W] / F5.9 – 16.0 [T])	F2.8 – 5.9 / 2-Step (F2.8 – 8.0 [W] / F5.9 – 16.0 [T])	F2.8 – 4.4 / Iris Diaphragm (F2.8 – 8.0 [W] / F4.4 – 8.0 [T])	
	Optical Zoom / Focal Length	5x / f=5.2 – 26.0 mm [35 mm equiv.: 29 – 145 mm]	5x / f=5.2 – 26.0 mm [35 mm equiv.: 29 – 145 mm]	4x / f=5.5 – 22.0 mm [35 mm equiv.: 33 – 132 mm]	4x / f=5.5 – 22.0 mm [35 mm equiv.: 33 – 132 mm]	4x / f=5.5 – 22.0 mm [35 mm equiv.: 33 – 132 mm]	18x / f=4.8 – 86.4 mm [35 mm equiv.: 27 – 486 mm]	
	Extra Optical Zoom (Max.)	9.8x (3M or below)	9.8x (3M or below)	7.1x (3M or below)	6.4x (3M or below)	6.4x (3M or below)	32.1x (3M or below)	
Lens System	LEICA DC VARIO-ELMAR	LEICA DC VARIO-ELMAR	LEICA DC VARIO-ELMARIT	LEICA DC VARIO-ELMARIT	LUMIX DC VARIO	LUMIX DC VARIO	LEICA DC VARIO-ELMARIT	
	7 elements in 6 groups (3 aspherical lenses)	7 elements in 6 groups (3 aspherical lenses)	6 elements in 5 groups (3 aspherical lenses)	6 elements in 5 groups (3 aspherical lenses)	6 elements in 5 groups (3 aspherical lenses)	6 elements in 5 groups (3 aspherical lenses)	11 elements in 8 groups (3 aspherical lenses, 2 ED lenses)	
Optical Image Stabilizer	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	
Digital Zoom	4x (Max.39.1x combined with Extra Optical Zoom)	4x (Max.39.1x combined with Extra Optical Zoom)	4x (Max.28.4x combined with Extra Optical Zoom)	4x (Max.25.6x combined with Extra Optical Zoom)	4x (Max.25.6x combined with Extra Optical Zoom)	4x (Max.128x combined with Extra Optical Zoom)	4x (Max.128x combined with Extra Optical Zoom)	
Focus	Focusing Area	Normal: 50 cm (1.64 ft) [W] / 100 cm (3.28 ft) [T] – ∞ Macro / Intelligent AUTO : 5 cm (0.16 ft) [W] / 100 cm (3.28 ft) [T] – ∞	Normal: 50 cm (1.64 ft) [W] / 100 cm (3.28 ft) [T] – ∞ Macro / Intelligent AUTO : 5 cm (0.16 ft) [W] / 100 cm (3.28 ft) [T] – ∞	Normal: 50 cm (1.64 ft) [W] – ∞ Macro / Intelligent AUTO : 5 cm (0.16 ft) [W] / 50 cm (1.64 ft) [T] – ∞	Normal: 50 cm (1.64 ft) [W] – ∞ Macro / Intelligent AUTO : 5 cm (0.16 ft) [W] / 50 cm (1.64 ft) [T] – ∞	Normal: 50 cm (1.64 ft) [W] / 50 cm (1.64 ft) [T] – ∞ Macro / Intelligent AUTO : 5 cm (0.16 ft) [W] / 50 cm (1.64 ft) [T] – ∞	Normal: 30 cm (0.98 ft) [W] / 200 cm (6.56 ft) [T] – ∞ Macro / Intelligent AUTO: 1 cm (0.03 ft) [W] / 200 cm (6.56 ft) [T] – ∞ Tele Macro (11 – 18x [T]): 100 cm (3.28 ft) – ∞	
	AF Assist Lamp	Yes	Yes	Yes	Yes	Yes	Yes	
	Focus	Normal / Macro, AF Tracking (On / Off), Quick AF (Always On)	Normal / Macro, AF Tracking (On / Off), Quick AF (Always On)	Normal / Macro, Quick AF (Always On)	Normal / Macro, Quick AF (Always On)	Normal / Macro, Quick AF (Always On)	Normal / Macro, Quick AF (Always On)	Normal / Macro, Quick AF (On / Off), Continuous AF (On / Off), AF/MF switchable, Manual Focus (Joystick), One Shot AF, AF area select, AF Tracking
Recording File Format	AF Mode	Face / AF Tracking / Multi (11-area) / 1-area	Face / AF Tracking / Multi (11-area) / 1-area	Face / Multi (9-area) / 1-area	Face / Multi (9-area) / 1-area	Face / Multi (9-area) / 1-area	Face / AF Tracking / Multi (11-area) / 1-area HS / 1-area / Spot	
	Still Image	JPEG (DCF / Exif2.21), DPOF compatible	JPEG (DCF / Exif2.21), RAW, DPOF compatible					
Still Image with Audio	Still Image	-	-	-	-	-	JPEG (DCF / Exif2.21) + QuickTime	
	Motion Image	QuickTime Motion JPEG						
File Size (Pixels)	Still Image	4:3	12M (4000 x 3000) / 8M (3264 x 2448) / 5M (2560 x 1920) / 3M (2048 x 1536) / 2M (1600 x 1200) / 0.3M (640 x 480)	12M (4000 x 3000) / 8M (3264 x 2448) / 5M (2560 x 1920) / 3M (2048 x 1536) / 2M (1600 x 1200) / 0.3M (640 x 480)	10M (3648 x 2736) / 7M (3072 x 2304) / 5M (2560 x 1920) / 3M (2048 x 1536) / 2M (1600 x 1200) / 0.3M (640 x 480)	8M (3264 x 2448) / 5M (2560 x 1920) / 3M (2048 x 1536) / 2M (1600 x 1200) / 0.3M (640 x 480)	8M (3264 x 2448) / 5M (2560 x 1920) / 3M (2048 x 1536)	10M (3648 x 2736) / 7M (3072 x 2304) / 5M (2560 x 1920) / 3M (2048 x 1536) / 2M (1600 x 1200) / 0.3M (640 x 480)
		3:2	10.5M (4000 x 2672) / 7M (3264 x 2176) / 4.5M (2560 x 1712) / 2.5M (2048 x 1360)	10.5M (4000 x 2672) / 7M (3264 x 2176) / 4.5M (2560 x 1712) / 2.5M (2048 x 1360)	9M (3648 x 2432) / 6M (3072 x 2048) / 4.5M (2560 x 1712) / 2.5M (2048 x 1360)	7M (3264 x 2176) / 4.5M (2560 x 1712) / 2.5M (2048 x 1360)	7M (3264 x 2176) / 2.5M (2048 x 1360)	9M (3648 x 2432) / 6M (3072 x 2048) / 4.5M (2560 x 1712) / 2.5M (2048 x 1360)
		16:9	9M (4000 x 2248) / 6M (3264 x 1840) / 3.5M (2560 x 1440) / 2M (1920 x 1080)	9M (4000 x 2248) / 6M (3264 x 1840) / 3.5M (2560 x 1440) / 2M (1920 x 1080)	7.5M (3648 x 2056) / 5.5M (3072 x 1728) / 3.5M (2560 x 1440) / 2M (1920 x 1080)	6M (3264 x 1840) / 3.5M (2560 x 1440) / 2M (1920 x 1080)	6M (3264 x 1840) / 2M (1920 x 1080)	7.5M (3648 x 2056) / 5.5M (3072 x 1728) / 3.5M (2560 x 1440) / 2M (1920 x 1080)
	Motion Image	4:3	QVGA (320 x 240) at 30 fps / VGA (640 x 480) at 30 fps (Motion JPEG)	QVGA (320 x 240) at 30 fps / VGA (640 x 480) at 30 fps (Motion JPEG)	QVGA (320 x 240) at 30 fps / VGA (640 x 480) at 30 fps (Motion JPEG)	QVGA (320 x 240) at 30 fps / VGA (640 x 480) at 30 fps (Motion JPEG)	QVGA (320 x 240) at 30 fps / VGA (640 x 480) at 30 fps (Motion JPEG)	QVGA (320 x 240) at 10 or 30 fps / VGA (640 x 480) at 30 fps (Motion JPEG)
		16:9	WVGA (848 x 480) at 30 fps (Motion JPEG)	WVGA (848 x 480) at 30 fps (Motion JPEG)	WVGA (848 x 480) at 30 fps (Motion JPEG)	WVGA (848 x 480) at 30 fps (Motion JPEG)	WVGA (848 x 480) at 30 fps (Motion JPEG)	WVGA (848 x 480) at 30 fps (Motion JPEG)
		HD	-	-	-	-	-	1280 x 720 at 30 fps (Motion JPEG)
Image Quality	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard / RAW / RAW+JPEG	
Rec. Mode	Mode Dial / Mode Button	Intelligent AUTO, Normal Picture, My SCN, SCN, Motion Picture	Intelligent AUTO, Normal Picture, My SCN, SCN, Motion Picture	Intelligent AUTO, Normal Picture, My SCN, SCN, Motion Picture	Intelligent AUTO, Normal Picture, My SCN, SCN, Motion Picture	Intelligent AUTO, Normal Picture, SCN, Motion Picture	Intelligent AUTO, P, A, S, M, Custom1, Custom2, Motion Picture, Portrait, Scenery, Sports, Night Portrait, Close-up, SCN	
	IA Direct Button	Yes	Yes	Yes	Yes	Yes	-	
	Movie Button	-	-	-	-	-	-	
	Still Image SCN Mode	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby 1, Baby 2, Pet, Sunset, High Sensitivity, Hi-Speed Burst, Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pinhole, Film Grain, Photo Frame	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby 1, Baby 2, Pet, Sunset, High Sensitivity, Hi-Speed Burst, Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pinhole, Film Grain, Photo Frame	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby 1, Baby 2, Pet, Sunset, High Sensitivity, Hi-Speed Burst, Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pinhole, Film Grain, Photo Frame	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby 1, Baby 2, Pet, Sunset, High Sensitivity, Hi-Speed Burst, Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pinhole, Film Grain, Photo Frame	Portrait, Soft Skin, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby 1, Baby 2, Pet, Sunset, High Sensitivity, Hi-Speed Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo	Party, Candle Light, Baby1, Baby2, Pet, Sunset, High Sensitivity, Hi-Speed Burst (Image Priority / Speed Priority), Flash Burst, Panning, Starry Sky, Fireworks, Beach, Snow, Aerial Photo, Pinhole, Film Grain	
	Movie SCN Mode	-	-	-	-	-	-	
Advanced SCN Mode	-	-	-	-	-	Portrait: Normal, Soft Skin, Outdoor, Indoor, Creative Scenery: Normal, Nature, Architecture, Creative Sports: Normal, Outdoor, Indoor, Creative Night Portrait : Night Portrait, Night Scenery, Illuminations, Creative Close-up: Flower, Food, Objects, Creative		
Continuous Shooting	Full-Resolution Image	1.8 fps; Max. 5 [Standard] / 3 [Fine] images	1.8 fps; Max. 5 [Standard] / 3 [Fine] images	2.3 fps; Max. 5 [Standard] / 3 [Fine] images	3 fps; Max. 7 [Standard] / 4 [Fine] images	3 fps; Max. 7 [Standard] / 4 [Fine] images	2.5 fps; Max. 5 [Standard] / 3 [Fine] images	
	Hi-Speed Burst Mode (Max.)	Approx. 5 fps (3M for 4:3, 2.5M for 3:2, 2M for 16:9)	Approx. 5 fps (3M for 4:3, 2.5M for 3:2, 2M for 16:9)	Approx. 6 fps (3M for 4:3, 2.5M for 3:2, 2M for 16:9)	Approx. 5.5 fps (3M for 4:3, 2.5M for 3:2, 2M for 16:9)	Approx. 4.5 fps (3M for 4:3, 2.5M for 3:2, 2M for 16:9)	Speed Priority: Approx. 11 fps (3M for 4:3), 12 fps (2.5M for 3:2), 13 fps (2M for 16:9) Image Priority: Approx. 7 fps (3M for 4:3, 2.5M for 3:2, 2M for 16:9)	
Shutter Speed	Unlimited Consecutive Shooting*	Yes	Yes	Yes	Yes	Yes	Yes	
	Shutter Speed	8 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	8 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	8 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	8 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	8 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	60 – 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	
Exposure	Program AE	Program AE	Program AE	Program AE	Program AE	Program AE	Program AE, Aperture Priority AE, Shutter Priority AE, Manual	
Exposure Compensation	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	1/3 EV step, -2 – +2 EV	
Backlight Compensation	Yes (in Intelligent AUTO mode)	Yes (in Intelligent AUTO mode)	Yes (in Intelligent AUTO mode)	Yes (in Intelligent AUTO mode)	Yes (in Intelligent AUTO mode)	Yes (in Intelligent AUTO mode)	Yes (in Intelligent AUTO mode)	
Auto (AE) Bracketing	+/-1/3 EV – 1 EV step, 3 frames	+/-1/3 EV – 1 EV step, 3 frames	+/-1/3 EV – 1 EV step, 3 frames	+/-1/3 EV – 1 EV step, 3 frames	+/-1/3 EV – 1 EV step, 3 frames	-	+/-1/3 EV – 1 EV step, 3 frames	
Color Bracketing	-	-	-	-	-	-	Standard / Black & White (2 images), Standard / Sepia (2 images), Standard / Black & White / Sepia (3 images)	
Light Metering	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple / Center Weighted / Spot	
ISO Sensitivity	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	Auto / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 – 6400)	
White Balance	Auto / Daylight / Cloudy / Shade / Halogen / White Set	Auto / Daylight / Cloudy / Shade / Halogen / White Set	Auto / Daylight / Cloudy / Shade / Halogen / White Set	Auto / Daylight / Cloudy / Shade / Halogen / White Set	Auto / Daylight / Cloudy / Shade / Halogen / White Set	Auto / Daylight / Cloudy / Shade / Halogen / White Set	Auto / Daylight / Cloudy / Shade / Halogen / Color Temperature / Flash / White Set1 / White Set2 2-axis adjustable in +/- 9 steps	
Face Recognition	-	-	-	-	-	-	-	
Film Mode	-	-	-	-	-	-	-	
Color Mode / Color Effect	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm	Black & White, Sepia, Cool, Warm	
Picture Adjustment	-	-	-	-	-	-	Contrast / Sharpness / Saturation / Noise Reduction	
Self Timer	2 sec / 10 sec	2 sec / 10 sec	2 sec / 10 sec	2 sec / 10 sec	2 sec / 10 sec	2 sec / 10 sec	2 sec / 10 sec / 10 sec (3 images)	
Playback Mode	Normal Playback, Dual-Image Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Protection, DPOF print setting, Playback of motion pictures (Motion JPEG)	Normal Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Protection, DPOF print setting, Playback of motion pictures (Motion JPEG)	Normal Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Protection, DPOF print setting, Playback of motion pictures (Motion JPEG)	Normal Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Protection, DPOF print setting, Playback of motion pictures (Motion JPEG)	Normal Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Protection, DPOF print setting, Playback of motion pictures (Motion JPEG)	Normal Playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback, Slideshow (duration & effect with music is selectable), Resizing (selectable number of pixels), Trimming, Protection, DPOF print setting, Playback of motion pictures (Motion JPEG)	30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback (playback and slideshow of pictures in category), Slideshow (duration & effect with music is selectable), Image rotation, Resizing (selectable number of pixels), Trimming, Protection, Aspect conversion, DPOF print setting, Creating still pictures from a motion picture, Enlarge focus area, Image leveling	
LCD Monitor	3.0" TFT LCD (230K dots), Approx. 100% coverage	2.7" TFT LCD (230K dots), Approx. 100% coverage	2.7" TFT LCD (230K dots), Approx. 100% coverage	2.5" TFT LCD (230K dots), Approx. 100% coverage	2.5" TFT LCD (230K dots), Approx. 100% coverage	2.5" TFT LCD (230K dots), Approx. 100% coverage	2.7" TFT LCD (230K dots), Approx. 100% coverage	
Viewfinder	-	-	-	-	-	-	0.20" Color EVF [201.6K dots equiv.], Approx. 100% coverage, Lens 19.6x	
Flash	Built-in-Flash	Auto, Auto/Red-eye Reduction, Forced On, Forced Off	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off, Flash Syncro: 1st / 2nd; Flash Output Adjustment (1/3 EV step, -2 – +2 EV)					
	Flash Range [ISO Auto]	0.3 – 5.3 m (0.98 – 17.39 ft) [W] / 1.0 – 3.0 m (3.28 – 9.84 ft) [T]	0.3 – 5.3 m (0.98 – 17.39 ft) [W] / 1.0 – 3.0 m (3.28 – 9.84 ft) [T]	0.6 – 6.3 m (1.97 – 20.67 ft) [W] / 0.5 – 3.0 m (1.64 – 9.84 ft) [T]	0.6 – 6.3 m (1.97 – 20.67 ft) [W] / 0.5 – 3.0 m (1.64 – 9.84 ft) [T]	0.3 – 5.9 m (0.98 – 19.36 ft) [W] / 0.5 – 2.8 m (1.64 – 9.17 ft) [T]	0.3 – 5.9 m (0.98 – 19.36 ft) [W] / 0.5 – 2.8 m (1.64 – 9.17 ft) [T]	0.3 – 8.5 m (0.98 – 27.89 ft) [W] / 1.0 – 5.4 m (3.28 – 17.72 ft) [T]
Digital Red-Eye Correction	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	
Built-in-Memory	Approx. 50 MB	Approx. 50 MB	Approx. 50 MB	Approx. 50 MB	Approx. 50 MB	Approx. 50 MB	Approx. 50 MB	
Microphone / Speaker	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	
Interface	AV Output (NTSC/PAL, NTSC only for North America) / USB2.0 High Speed, DC Input (requires optional DC Coupler)	AV Output (NTSC/PAL, NTSC only for North America) / USB2.0 High Speed, DC Input (requires optional DC Coupler)	AV Output (NTSC / PAL, NTSC only for North America), USB2.0 Full Speed, DC Input (requires optional DC Coupler)	AV Output (NTSC / PAL, NTSC only for North America), USB2.0 Full Speed, DC Input (requires optional DC Coupler)	AV Output (NTSC/PAL, NTSC only for North America), USB2.0 Full Speed, DC Input (requires optional DC Coupler)	AV Output (NTSC/PAL, NTSC only for North America) / USB2.0 Full Speed	DC Input, AV Output (NTSC/PAL), HD Component Output, USB2.0 High Speed	
HDMI Output	-	-	-	-	-	-	-	
Direct Print	PictBridge	PictBridge	PictBridge	PictBridge	PictBridge	PictBridge	PictBridge	
Battery	Li-ion Battery Pack (3.6 V, Typical: 1000 mAh / Minimum: 940 mAh), AC Adapter (optional)	ID-Security Li-ion Battery Pack (3.6 V, Typical: 1000 mAh / Minimum: 940 mAh), AC Adapter (optional)	ID-Security Li-ion Battery Pack (3.6 V, Typical: 1000 mAh / Minimum: 940 mAh), AC Adapter (optional)	ID-Security Li-ion Battery Pack (3.6 V, Typical: 1,000 mAh / Minimum: 940 mAh), AC Adapter (optional)	Alkaline AA Battery x2, AC Adapter (optional)	Alkaline AA Battery x2, AC Adapter (optional)	Li-ion Battery Pack (7.2 V, Typical: 710 mAh / Minimum: 695 mAh), AC Adapter (optional)	
Battery Life (CIPA**)	Approx. 330 images	Approx. 330 images	Approx. 360 images	Approx. 400 images	Approx. 270 (Alkaline Batteries) / 550 (Ni-MH Batteries) images	Approx. 270 (Alkaline Batteries) / 550 (Ni-MH Batteries) images	Approx. 460 images	
Included Software	PHOTOfunSTUDIO 3.0, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO 3.0, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO 3.0, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO 3.0, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO 3.0, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO 3.0, USB Driver	PHOTOfunSTUDIO-viewer- 2.1 E, SILKPIX® Developer Studio 3.0 SE, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	
Standard Accessories	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM	Battery Pack (AA Alkaline Batteries x 2), USB Cable, Hand Strap, CD-ROM	Battery Charger, Battery Pack, Lens Cap, Lens Cap Strap, Lens Hood, Hood Adapter, AV Cable, USB Cable, AC Cable, Shoulder Strap, CD-ROM	
Dimensions (W x H x D)	Approx. 97.0 x 57.9 x 21.8 mm (3.82 x 2.28 x 0.86 in)	Approx. 97.0 x 54.4 x 21.7 mm (3.82 x 2.14 x 0.85 in)	Approx. 97.0 x 54.4 x 21.7 mm (3.82 x 2.14 x 0.85 in)	Approx. 97.0 x 54.4 x 21.7 mm (3.82 x 2.14 x 0.85 in)	Approx. 96.7 x 62.0 x 29.8 mm (3.89 x 2.48 x 1.19 in)	Approx. 96.7 x 62.0 x 29.8 mm (3.89 x 2.48 x 1.19 in)	Approx. 117.6 x 75.3 x 88.9 mm (4.63 x 2.96 x 3.5 in)	
Weight (Body Only)	Approx. 126 g (0.28 lb)	Approx. 116 g (0.26 lb)	Approx. 117 g (0.258 lb)	Approx. 115 g (0.25 lb)	Approx. 128 g (0.28 lb)	Approx. 128 g (0.28 lb)	Approx. 370 g (0.82 lb)	

Specifications

		DMC-FX150	DMC-LX3	
CCD	Camera Effective Pixels	14.7 megapixels	10.1 megapixels	
	Sensor Size / Total Pixels / Filter	1/1.72" / 15.0 total megapixels / Primary Color Filter	1/1.63" / 11.3 total megapixels / Primary Color Filter	
Lens	Aperture	F2.8 - 5.6 / 2-Step [F2.8 - 9.0 (W) / F5.6 - 18.0 (T)]	F2.0 - 2.4 / Iris Diaphragm [F2.0 - 8.0 (W) / F2.4 - 8.0 (T)]	
	Optical Zoom / Focal Length	3.6x / f=6.0 - 21.4 mm [35 mm equiv.: 28 - 100 mm]	2.5x / f=5.1 - 12.8 mm [35 mm equiv.: 24 - 60 mm]	
	Extra Optical Zoom (Max.)	7.7x (3M or below)	4.5x (3M or below)	
	Lens System	LEICA DC VARIO-ELMARIT 7 elements in 6 groups [4 aspherical lenses, 1 EA lens]	LEICA DC VARIO-SUMMICRON 7 elements in 6 groups [4 aspherical lenses]	
Optical Image Stabilizer		MEGA O.I.S. [Auto / Mode1 / Mode2]	MEGA O.I.S. [Auto / Mode1 / Mode2]	
Digital Zoom		4x (Max. 30.8x combined with Extra Optical Zoom)	4x (Max. 17.9x combined with Extra Optical Zoom)	
Focus	Focusing Area	Normal: 50 cm [1.64 ft] (W) - ∞ Macro / Intelligent AUTO : 5 cm [0.16 ft] (W) / 30 cm [0.98 ft] (T) - ∞	Normal: 50 cm [1.64 ft] (W) / 50 cm [1.64 ft] (T) - ∞ Macro / Intelligent AUTO : 1 cm [0.03 ft] (W) / 30 cm [0.98 ft] (T) - ∞	
	AF Assist Lamp	Yes	Yes	
	Focus	Normal / Macro, Quick AF (On / Off), AF area select, AF Tracking	Normal / Macro, Quick AF (On / Off), Continuous AF (On / Off), AF/MF switchable, Manual Focus [Joystick], One Shot AF, AF area select, AF Tracking	
	AF Mode	Face / AF tracking / Multi (11-area) / 1-area / 1-area HS / Spot	Face / AF tracking / Multi (11-area) / 1-area / 1-area HS / Spot	
Recording File Format	Still Image	JPEG [DCF / Exif2.21], RAW, DPOF compatible	JPEG [DCF / Exif2.21], RAW, DPOF compatible	
	Still Image with Audio	JPEG [DCF / Exif2.21] + QuickTime	JPEG [DCF / Exif2.21] + QuickTime	
File Size (Pixels)	Still Image	4:3	14.5M [4416 x 3312] / 10M [3648 x 2736] / 7M [3072 x 2304] / 5M [2560 x 1920] / 3M [2048 x 1536] / 2M [1600 x 1200] / 0.3M [640 x 480]	10M [3648 x 2736] / 7M [3072 x 2304] / 5M [2560 x 1920] / 3M [2048 x 1536] / 2M [1600 x 1200] / 0.3M [640 x 480]
		3:2	13M [4416 x 2944] / 9M [3648 x 2432] / 6M [3072 x 2048] / 4.5M [2560 x 1712] / 2.5M [2048 x 1360]	9.5M [3776 x 2520] / 6.5M [3168 x 2112] / 4.5M [2656 x 1768] / 3M [2112 x 1408] / 2.5M [2048 x 1360]
		16:9	11M [4416 x 2480] / 7.5M [3648 x 2056] / 5.5M [3072 x 1728] / 3.5M [2560 x 1440] / 2M [1920 x 1080]	9M [3968 x 2232] / 6M [3328 x 1872] / 4.5M [2784 x 1568] / 2.5M [2208 x 1248] / 2M [1920 x 1080]
	Motion Image	4:3	QVGA [320 x 240] at 30 fps / VGA [640 x 480] at 30 fps (Motion JPEG)	QVGA [320 x 240] at 30 fps / VGA [640 x 480] at 30 fps (Motion JPEG)
		16:9	WVGA [848 x 480] at 30 fps (Motion JPEG)	WVGA [848 x 480] at 30 fps (Motion JPEG)
		HD	1280 x 720 at 24 fps (Motion JPEG)	1280 x 720 at 24 fps (Motion JPEG)
Image Quality		Fine / Standard / RAW / RAW+JPEG	Fine / Standard / RAW / RAW+Standard JPEG / RAW+Fine JPEG	
Rec. Mode	Mode Dial / Mode Button	Intelligent AUTO, P, M, Motion Picture, SCN	Intelligent AUTO, P, A, S, M, Motion Picture, Custom1, Custom2, SCN	
	IA Direct Button	-	-	
	Movie Button	-	-	
	Still Image SCN Mode	Portrait, Soft Skin, Transform, Scenery, Sports, Night Portrait, Night Scenery, Self-Portrait, Food, Party, Candle Light, Fireworks, Starry Sky, Beach, Aerial Photo, Snow, High Sensitivity, Baby1, Baby2, Sunset, Pet, Hi-speed Burst (Image Priority / Speed Priority), Flash-Burst, Film Grain, Pin Hole	Portrait, Soft Skin, Scenery, Sports, Night Portrait, Night Scenery, Self-Portrait, Food, Party, Candle Light, Fireworks, Starry Sky, Beach, Aerial Photo, Snow, High Sensitivity, Baby1, Baby2, Sunset, Pet, Hi-speed Burst, Flash-Burst, Film Grain, Pin Hole	
	Advanced SCN Mode	-	-	
Continuous Shooting	Full-Resolution Image	2 fps; Max. 8 [Standard] / 4 [Fine] images	2.5 fps; Max. 8 [Standard] / 4 [Fine] images	
	Hi-Speed Burst Mode (Max.)	Speed Priority: Approx. 7 fps (3M for 4:3, 2.5M for 3:2, 2M for 16:9) Image Priority: Approx. 5 fps (3M for 4:3, 2.5M for 3:2, 2M for 16:9)	Approx. 6 fps (3M for 4:3, 2.5M for 3:2, 2M for 16:9)	
	Unlimited Consecutive Shooting*	Yes	Yes	
Shutter Speed		60 - 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	60 - 1/2000 sec (Starry Sky mode : 15, 30, 60 sec)	
Exposure		Program AE, Simple Manual	Program AE, Aperture Priority AE, Shutter Priority AE, Manual	
Exposure Compensation		1/3 EV step, -2 - +2 EV	1/3 EV step, -2 - +2 EV	
Backlight Compensation		Yes (in Intelligent AUTO mode)	Yes (in Intelligent AUTO mode)	
Auto (AE) Bracketing		+/-1/3 EV - 1 EV step, 3 frames	+/-1/3 EV - 1 EV step, 3 frames	
Color Bracketing		Standard / Black & White (2 images), Standard / Sepia (2 images), Standard / Black & White / Sepia (3 images)	-	
Light Metering		Intelligent Multiple / Center Weighted / Spot	Intelligent Multiple / Center Weighted / Spot	
ISO Sensitivity		Auto / 100 / 200 / 400 / 800 / 1600 (High Sensitivity mode: 1600 - 6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200 (High Sensitivity mode: 1600 - 6400)	
White Balance		Auto / Daylight / Cloudy / Shade / Halogen / Color Temperature / White Set1 / White Set 2 2-axis adjustable in +/- 9 steps	Auto / Daylight / Cloudy / Shade / Halogen / Color Temperature / Flash / White Set 1 / White Set 2 2-axis adjustable in +/- 9 steps	
Face Recognition		-	-	
Film Mode		-	Standard, Dynamic, Natural, Smooth, Vibrant, Nostalgic, WB/Standard, WB/Dynamic, WB/Smooth, My Film1, My Film2, Multi Film	
Color Mode / Color Effect		Black & White, Sepia, Cool, Warm	-	
Picture Adjustment		Contrast / Sharpness / Saturation / Noise Reduction	Contrast / Sharpness / Saturation / Noise Reduction	
Self Timer		2 sec / 10 sec	2 sec / 10 sec	
Playback Mode		30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback (playback and slideshow of pictures in category), Slideshow (duration & effect with music is selectable), Image rotation, Resizing (selectable number of pixels), Trimming, Protection, Aspect conversion, DPOF print setting, Creating still pictures from a motion picture, Image leveling	30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Playback of favorite pictures, Category Playback (playback and slideshow of pictures in category), Slideshow (duration & effect with music is selectable), Image rotation, Resizing (selectable number of pixels), Trimming, Protection, Aspect conversion, DPOF print setting, Creating still pictures from a motion picture, Image leveling	
LCD Monitor		2.7" TFT LCD [230K dots], Approx. 100% coverage, Wide Viewing Angle	3.0" 3:2 Polycrystalline TFT LCD [460K dots], Approx. 100% coverage, Wide Viewing Angle	
Viewfinder		-	External Viewfinder (optional)	
Flash	Built-in-Flash	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off, Flash Synchro: 1st / 2nd; Flash Output Adjustment (1/3 EV step, -2 - +2 EV)	
	Flash Range (ISO Auto)	0.6 - 5.9 m [1.97 - 19.36 ft] (W) / 0.3 - 2.9 m [0.98 - 9.51 ft] (T)	0.8 - 8.3 m [2.63 - 27.23 ft] (W) / 0.3 - 5.9 m [0.98 - 19.36 ft] (T)	
	Digital Red-Eye Correction	Yes	Yes	
Recording Media		Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (still image only)	
Built-in-Memory		Approx. 50 MB	Approx. 50 MB	
Microphone / Speaker		Mono / Yes	Mono / Yes	
Interface		DC Input, AV Output (NTSC/PAL), HD Component Output, USB2.0 High Speed	DC Input, AV Output (NTSC/PAL), HD Component Output, USB2.0 High Speed	
HDMI Output		-	-	
Direct Print		PictBridge	PictBridge	
Battery		Li-ion Battery Pack (3.7 V, Typical: 1150 mAh / Minimum: 1090 mAh), AC Adapter (optional)	Li-ion Battery Pack (3.7 V, Typical: 1150 mAh / Minimum: 1090 mAh), AC Adapter (optional)	
Battery Life (CIPA**)		Approx. 330 images	Approx. 380 images	
Included Software		PHOTOfunSTUDIO-viewer- 2.1 E, SILKYPIX® Developer Studio 3.0 SE, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	PHOTOfunSTUDIO-viewer- 2.1 E, SILKYPIX® Developer Studio 3.0 SE, ArcSoft® (MediaImpression™ / Panorama Maker™), QuickTime™, USB Driver	
Standard Accessories		Battery Charger, Battery Pack, Battery Case, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case, Lens Cap, Lens Cap Strap, AV Cable, USB Cable, AC Cable, Shoulder Strap, CD-ROM	
Dimensions (W x H x D)		Approx. 96.7 x 56.0 x 24.8 mm [3.80 x 2.13 x 0.96 in]	Approx. 108.7 x 59.5 x 27.1 mm [4.28 x 2.34 x 1.07 in]	
Weight (Body Only)		Approx. 151 g [0.3329 lb]	Approx. 229 g [0.50 lb]	

*Number of shots may vary depending on memory card size, battery power, picture size, and compression. The consecutive shooting speed varies depending on the shooting conditions and memory card.
**Based on the CIPA standard. Shooting conditions: 23°C with 50% humidity; LCD on; using SD Memory Card; starting to shoot 30 seconds after turning on the power; shooting once every 30 seconds with the flash in full operation for every other shot; changing the zoom setting from telephoto to wide, or wide to telephoto, for each shot; and temporarily turning the power off after each 10 shots (long enough to lower the battery temperature). The number of recordable pictures decreases in Auto Power LCD mode or Power LCD mode.

Options that give you more comfort. More creativity. More fun.

Wide Conversion Lens

DMW-LW46 (0.75x)
(for LX3)



Tele Conversion Lens

DMW-LT55 (1.7x)
(for FZ28)



Close-Up Lens

DMW-LC55
(Focal length: 500mm)
(for FZ28)
The zoom range is restricted to a magnification of 3x to 18x.



Lens Adapter

DMW-LA3 (for FZ28)
DMW-LA4 (for LX3)



*Use of the lens adapter is required.

External Flash

DMW-FL220 (GN22)
(for LX3)



DMW-FL360 (GN36)
(for LX3)



DMW-FL500 (GN50)
(for LX3)



ND Filter

DMW-LND46
(for FZ28/LX3*)



PL Filter

DMW-LPL46
(for FZ28/LX3*)



MC Protector

DMW-LMC46
(for FZ28/LX3*)



*Use of the lens adapter is required.

External Optical Viewfinder

DMW-VF1 (for LX3)



Marine Case (to a depth of 40 m/131 ft)

DMW-MCTZ7 (for TZ series)
DMW-MCFT1 (for FT1)
DMW-MCFX40 (for FX40)
DMW-MCFX35 (for FX37)



*Usable external strobe produced by INON. For more details, see http://www.inon.co.jp/INON_TOP_e.shtml

SD Memory Card



Pro High Speed
32 GB*: RP-SDV32G
16 GB*: RP-SDV16G
8 GB*: RP-SDV08G
4 GB*: RP-SDV04G
2 GB*: RP-SDV02G

High Speed
12 GB*: RP-SDM12G
6 GB*: RP-SDM06G
4 GB*: RP-SDM04G
2 GB*: RP-SDM02G
1 GB*: RP-SDR01G

*1 GB = 1 billion bytes. Usable capacity will be less.

AC Adapter

DMW-AC5
(for TZ series/FT1/LX3/FX series/FS series)
DMW-AC6 (for LS85)
DMW-AC7 (for FZ series)

Multi Conversion Adapter

DMW-MCA1 (for TZ series/FT1)

*Use of the AC adapter (DMW-AC5) is required.

HDMI Mini Cable

RP-CDHM15 (1.5 m)
(for TZ7/FT1)
RP-CDHM30 (3.0 m)
(for TZ7/FT1)



HD Component Cable

DMW-HDC2
(for FX series/FZ28/LX3)

AV Cable

DMW-AVC1 (for LS85)

DC Coupler

DMW-DCC2 (for LS85)
DMW-DCC4 (for FS series)
*Use of the AC adapter (DMW-AC6) is required.



Battery Pack

CGA-S005 (for LX3/FX150)
CGR-S006 (for FZ28)
DMW-BCG10
(for TZ series)
DMW-BCF10
(for FX550/FX40/FS series)
DMW-BCE10 (for FX37)

Carrying Case

DMW-CLX3 (for LX3)

DMW-CZ18 (for FZ28/LX3)



Included Software

PHOTOfunSTUDIO 3.0

PHOTOfunSTUDIO 3.0 lets you edit or organize a collection of photos with more ease and fun. It features a Face Recognition function that recognizes the faces in the pictures stored in your PC to sort them by faces for you regardless of the camera type you used. Through the sophisticated interface, you can also enjoy emotion-packed slideshows with a variety of effects and music. Motion images can also be uploaded directly to YouTube™. Furthermore, with the PHOTOfunSTUDIO 3.0 HD Edition (included in the TZ7/FT1), AVCHD Lite movies can be transferred to a PC from an SDHC/SD Memory Card or via the USB cable to view or even edit them. You can also make a DVD disc from the AVCHD Lite files by converting them to MPEG-2.



*Some accessories are not available in some countries.

Number of Recordable Still Pictures (Approx.)

Aspect Ratio	File Size (Pixels)	Built-in Memory (Approx. 40MB)																																				
		1GB	2GB	4GB	6GB	8GB	12GB	16GB	32GB	1GB	2GB	4GB	6GB	8GB	12GB	16GB	32GB																					
4.3	10M (3648 x 2736)	7	14	165	320	340	660	660	1310	1010	1990	1340	2660	2050	4020	2740	5370	5500	10770	10M (3648 x 2736)	7	14	165	320	340	660	660	1310	1010	1990	1340	2660	2050	4020	2740	5370	5500	10770
	7M (3072 x 2304)	7	14	220	430	450	870	880	1720	1340	2620	1800	3500	2720	5290	3630	7050	7280	14160	7M (3072 x 2304)	7	14	220	430	450	870	880	1720	1340	2620	1800	3500	2720	5290	3630	7050	7280	14160
	5M (2560 x 1920)	13	26	290	560	590	1130	1170	2230	1780	3390	2380	4540	3590	6860	4790	9150	9620	18350	5M (2560 x 1920)	13	26	290	560	590	1130	1170	2230	1780	3390	2380	4540	3590	6860	4790	9150	9620	18350
	3M (2048 x 1536)	28	54	600	1160	1220	2360	2410	4640	3660	7050	4910	9440	7400	14240	9880	19000	19820	38120	3M (2048 x 1536)	28	54	600	1160	1220	2360	2410	4640	3660	7050	4910	9440	7400	14240	9880	19000	19820	38120
	2M (1600 x 1200)	45	84	950	1770	1910	3770	7090	5730	10790	21790	15440	29040	30970	58310	2M (1600 x 1200)	45	84	950	1770	1910	3770	7090	5730	10790	21790	15440	29040	30970	58310								
	0.3M (640 x 480)	200	320	4310	6710	8770	12290	17240	24130	26210	36700	35080	49120	52920	74090	70590	98840	141620	198270	0.3M (640 x 480)	200	320	4310	6710	8770	12290	17240	24130	26210	36700	35080	49120	52920	74090	70590	98840	141620	198270
3.2	9.5M (3776 x 2580)	7	15	170	330	340	680	680	1340	1040	2100	1410	2800	5490	5630	11010	9.5M (3776 x 2580)	7	15	170	330	340	680	680	1340	1040	2100	1410	2800	5490	5630	11010						
	6.5M (3168 x 2112)	10	20	220	440	460	890	900	1740	1370	2650	1840	3550	2780	5360	3710	7160	7450	14360	6.5M (3168 x 2112)	10	20	220	440	460	890	900	1740	1370	2650	1840	3550	2780	5360	3710	7160	7450	14360
	4.5M (2560 x 1768)	18	37	400	790	820	1610	1630	3170	2470	4820	3310	6460	5000	9740	6670	13000	13390	26080	4.5M (2560 x 1768)	18	37	400	790	820	1610	1630	3170	2470	4820	3310	6460	5000	9740	6670	13000	13390	26080
	3M (2048 x 1536)	29	57	630	1280	1320	2450	2510	4820	3820	7330	5110	9820	7710	14810	10290	19760	20650	39550	3M (2048 x 1536)	29	57	630	1280	1320	2450	2510	4820	3820	7330	5110	9820	7710	14810	10290	19760	20650	39550
	2.5M (2048 x 1360)	31	60	670	1280	1360	2560	2580	5020	4070	7640	5450	10230	8230	15430	10980	20590	22020	41300	2.5M (2048 x 1360)	31	60	670	1280	1360	2560	2580	5020	4070	7640	5450	10230	8230	15430	10980	20590	22020	41300
	1.5M (1280 x 960)	7	15	175	340	350	690	700	1370	1070	2080	1430	2790	2160	4200	2880	5610	5790	11260	1.5M (1280 x 960)	7	15	175	340	350	690	700	1370	1070	2080	1430	2790	2160	4200	2880	5610	5790	11260
16.9	4M (3264 x 1872)	10	20	220	440	460	900	920	1770	1400	2690	1870	3610	2820	5640	3770	7270	7540	14570	4M (3264 x 1872)	10	20	220	440	460	900	920	1770	1400	2690	1870	3610	2820	5640	3770	7270	7540	14570
	4.5M (2784 x 1568)	20	39	430	860	890	1700	1740	3350	2650	5090	3550	6820	5360	10290	7160	13720	14360	27530	4.5M (2784 x 1568)	20	39	430	860	890	1700	1740	3350	2650	5090	3550	6820	5360	10290	7160	13720	14360	27530
	2.5M (2208 x 1248)	32	62	680	1310	1390	2670	2740	5240	4140	7970	5580	10670	8410	16100	11230	21480	22520	43100	2.5M (2208 x 1248)	32	62	680	1310	1390	2670	2740	5240	4140	7970	5580	10670	8410	16100	11230	21480	22520	43100
	2M (1920 x 1080)	41	79	880	1670	1800	3410	3540	6700	5390	10190	7220	13640	10890	20580	14530	27450	29150	55070	2M (1920 x 1080)	41	79	880	1670	1800	3410	3540	6700	5390	10190	7220	13640	10890	20580	14530	27450	29150	55070

Aspect Ratio	File Size (Pixels)	Built-in Memory (Approx. 40MB)																																				
		1GB	2GB	4GB	6GB	8GB	12GB	16GB	32GB	1GB	2GB	4GB	6GB	8GB	12GB	16GB	32GB																					
4.3	10M (3648 x 2736)	7	14	165	320	340	660	660	1310	1010	1990	1340	2660	2050	4020	2740	5370	5500	10770	10M (3648 x 2736)	7	14	165	320	340	660	660	1310	1010	1990	1340	2660	2050	4020	2740	5370	5500	10770
	7M (3072 x 2304)	7	14	220	430	450	870	880	1720	1340	2620	1800	3500	2720	5290	3630	7050	7280	14160	7M (3072 x 2304)	7	14	220	430	450	870	880	1720	1340	2620	1800	3500	2720	5290	3630	7050	7280	14160
	5M (2560 x 1920)	13	26	290	560	590	1130	1170	2230	1780	3390	2380	4540	3590	6860	4790	9150	9620	18350	5M (2560 x 1920)	13	26	290	560	590	1130	1170	2230	1780	3390	2380	4540	3590	6860	4790	9150	9620	18350
	3M (2048 x 1536)	28	54	600	1160	1220	2360	2410	4640	3660	7050	4910	9440	7400	14240	9880	19000	19820	38120	3M (2048 x 1536)	28	54	600	1160	1220	2360	2410	4640	3660	7050	4910	9440	7400	14240	9880	19000	19820	38120
	2M (1600 x 1200)	45	84	950	1770	1920	3610	3770	7090	5730	10790	7670	14440	11570	21790	15440	29070	30970	58310	2M (1600 x 1200)	45	84	950	1770	1920	3610	3770	7090	5730	10790	7670	14440	11570	21790	15440	29070	30970	58310
	0.3M (640 x 480)	200	320	4310	6710	8770	12290	17240	24130	26210	36700	35080	49120	52920	74090	70600	98840	141620	198270	0.3M (640 x 480)	200	320	4310	6710	8770	12290	17240	24130	26210	36700	35080	49120	52920	74090	70600	98840	141620	198270
3.2	9M (3648 x 2432)	7	16	180	350	360	720	720	1410	1100	2150	1470	2880	2230	4350	2970	5810	5970	11660	9M (3648 x 2432)	7	16	180	350	360	720	720	1410	1100	2150	1470	2880	2230	4350	2970	5810	5970	11660
	6M (3072 x 2048)	10	21	230	460	480	930	940	1820	1440	2770	1930	3720	2910	5610	3890	7800	8000	15010	6M (3072 x 2048)	10	21	230	460	480	930	940	1820	1440	2770	1930	3720	2910	5610	3890	7800	8000	15010
	4.5M (2560 x 1712)	20	39	430	850	870	1700	1740	3350	2650	5090	3550	6820	5360	10290	7160	13720	14360	27530	4.5M (2560 x 1712)	20	39	430	850	870	1700	1740	3350	2650	5090	3550	6820	5360	10290	7160	13720	14360	27530
	2.5M (2048 x 1360)	31	60	670	1280	1360	2560	2580	5020	4070	7640	5450	10230	8230	15430	10980	20590	22020	41300	2.5M (2048 x 1360)	31	60	670	1280	1360	2560	2580	5020	4070	7640	5450	10230	8230	15430	10980	20590	22020	41300
	1.5M (1280 x 960)	7	15	175	340	350	690	700	1370	1070	2080	1430	2790	2160	4200	2880	5610	5790	11260	1.5M (1280 x 960)	7	15	175	340	350	690	700	1370	1070	2080	1430	2790	2160	4200	2880	5610	5790	11260
	0.3M (640 x 480)	200	320	4310	6710	8770	12290	17240	24130	26210	36700	35080	49120	52920	74090	70600	98840	141620	198270	0.3M (640 x 480)	200	320	4310	6710	8770	12290	17240	24130	26210	36700	35080	49120	52920	74090	70600	98840	141620	198270
16.9	9M (3648 x 2432)	7	16	180	350	360	720	720	1410	1100	2150	1470	2880	2230	4350	2970	5810	5970	11660	9M (3648 x 2432)	7	16	180	350	360	720	720	1410	1100	2150	1470	2880	2230	4350	2970	5810	5970	11660
	6M (3072 x 2048)	10	21	230	460	480	930	940	1820	1440	2770	1930	3720	2910	5610	3890	7800	8000	15010	6M (3072 x 2048)	10	21	230	460	480	930	940	1820	1440	2770	1930	3720	2910	5610	3890	7800	8000	15010
	4.5M (2560 x 1712)	20	39	430	850	870	1700	1740	3350	2650	5090	3550	6820	5360	10290	7160	13720	14360	27530	4.5M (2560 x 1712)	20	39	430	850	870	1700	1740	3350	2650	5090	3550	6820	5360	10290	7160	13720	14360	27530
	2.5M (2048 x 1360)	31	60	670	1280	1360	2560	2580	5020	4070	7640	5450	10230	8230	15430	10980	20590	22020	41300	2.5M (2048 x 1360)	31	60	670	1280	1360	2560	2580	5020	4070	7640	5450	10230	8230	15430	10980	20590	22020	41300
	1.5M (1280 x 960)	7	15	175	340	350	690	700	1370	1070	2080	1430	2790	2160	4200	2880	5610	5790	11260	1.5M (1280 x 960)	7	15	175	340	350	690	700	1370										

Living in High Definition with LUMIX

LUMIX lets you easily record and view both stills and movies in high definition.



HD PHOTO

All LUMIX models record wide-screen, 16:9, full-HD (1920 x 1080-pixel) images. These images are simply breathtaking when displayed on an HDTV, which handles about four times the data of a standard-definition TV. With LUMIX, you can enjoy a whole new style of HDTV viewing with family and friends.



HD MOVIE

In addition to capturing beautiful photos, LUMIX lets you shoot high-quality HD movies in the progressive format, which minimizes flicker. You get 1280 x 720-pixel motion images that look spectacular on a large-screen HDTV. If your LUMIX model uses the AVCHD Lite (MPEG-4/H.264), you can record longer motion image clips without running out of memory because AVCHD Lite stores less data than the standard Motion JPEG.



Standard Definition



HD (High Definition)

Connect Directly to an HDTV

HDMI Mini Cable



When a LUMIX camera with an HDMI output terminal is connected via an HDMI mini cable (purchased separately) to a VIERA Link-equipped TV and the VIERA Link function is turned on from the camera menu, you can use the TV's remote control to run the slideshow.

*HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.



Easy HD Image Viewing with the SD Card Slot

High-Definition Plasma TV



It's easy to view photos or AVCHD Lite movies shot with your LUMIX camera. Just take the SD memory card from the camera and put it in the VIERA Image Viewer, and use the TV's remote control. *To play movies recorded in the Motion JPEG format, you need the included AV cable or a video cable.



HD Component Cable DMW-HDC2



Blu-ray Disc™ Player

Using the Slideshow playback feature, you can play a music CD at the same time you're showing the HD photos and movies, so you get both beautiful images and your favorite music.

*AVCHD Lite motion images recorded onto an SD Memory Card or a DVD disc cannot be played from a device that does not support the AVCHD standard.



EVERLASTING MEMORIES



OUR PLACE - The World Heritage

is a worldwide photographic project proudly supported by Panasonic.

The project aims to present the 851 sites designated as having "outstanding universal significance" by the UNESCO World Heritage Committee to a wide global audience.

There are special places that humankind must preserve for the enjoyment of future generations.

Around the world professional photographers are already at work capturing images of these beautiful and dramatic locations exclusively with LUMIX digital cameras.

With its ability to reproduce detailed images with true to life colours and no quality degradation, Digital photography, with is ideal for preserving these important places and memories.

Panasonic, by supporting the UNESCO Partnered OUR PLACE project is committed to preserving the World's Heritage and to helping create a new photographic culture.

<http://ourplaceworldheritage.com>

IN PARTNERSHIP WITH THE UNESCO WORLD HERITAGE CENTRE



Photographed on
LUMIX

Panasonic is backing OUR PLACE - The World's Heritage, a project that will create the largest ever photographic collection of UNESCO World Heritage Sites.