

**The Ultimate Compact: New DMC-TZ7  
World's Smallest\* Digital Camera with 12x Optical Zoom  
featuring 25mm Ultra-Wide-Angle Lens\*\*  
and AVCHD Lite Motion Picture Recording**

**\*as of 1/27/2009 \*\*35mm film camera equivalent: 25-300mm**

Panasonic today introduced the Lumix DMC-TZ7 as the newest member of its acclaimed TZ series. With 10.1-megapixel, a 25mm ultra-wide-angle lens and 12x optical zoom, the TZ7 is a worthy addition to a series of cameras that have won worldwide popularity for packing powerful zoom lenses into compact bodies.

The TZ7 is a powerhouse performer with enormous versatility. It features a new LEICA DC VARIO-ELMAR lens with 10.1-megapixel resolution. Compared with previous models, it extends the power of the optical zoom from 10x to 12x and expands the wide-angle lens from 28mm to an ultra-wide 25mm while reducing both size and weight of the body, giving it the range for virtually all shooting situations.

The DMC-TZ7 is the world's first digital camera that records motion image in AVCHD Lite. The AVCHD Lite realizes long time recording of high-definition motion image. The well-considered operational command layout including an independent movie recording button makes the DMC-TZ7 a true hybrid -- --a single model that performs admirably as both camera and camcorder while achieving smooth, easy operation in both modes.

Panasonic's Intelligent Auto mode -- a hallmark of Lumix cameras -- now includes Face Recognition, a function that "remembers" faces from previous shots. When a familiar face appears in the frame, the camera will prioritize focus and exposure to capture it beautifully. This clever function makes it easy to get sharp and clear photos of loved ones in a group of people. iA mode is also available in Movie Mode. It automatically selects the most suitable Scene mode and helps to correct handshake, focus and brightness problems - making iA mode your one-stop solution to capture beautiful still and motion images.

The adoption of AVCHD Lite lets users enjoy watching not only still images but also HD movies just inserting the SDHC/SD memory card from the camera in the VIERA Image Viewer(Built-in SDHC/SD Memory Card slot) on a VIERA HDTV to start playback\*. Alternatively, simply connect the camera via an optional mini-HDMI cable to a VIERA Link-equipped TV and use the TV's remote control to run slideshows including both still and motion images in the timeline. The TZ7 features a 3-inch, high resolution 460,000-dot Intelligent LCD with a wide viewing angle, improving visibility during recording and playback.

Despite its superior lens specifications and functionality, the TZ7 is smaller and lighter than its predecessors, making it easier to bring with you on your travels. Enjoy stunning photos and HD videos from 25mm wide-angle to 12x telephoto - the TZ7 is your ideal travel partner delivering ultimate performance in a pocket-sized body.

\*The "AVCHD" is a high definition (HD) digital video recording / playback format jointly established by Panasonic Corporation and Sony Corporation. The "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.

\*The "AVCHD Lite" and the "AVCHD Lite" logo are trademarks of Panasonic Corporation and Sony Corporation.

\*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.

## **1. 25mm Ultra-Wide-Angle LEICA DC Lens with 12x Optical Zoom for Ultimate Versatility in Both Still and Motion Image Shooting**

The TZ7 features a high-quality LEICA DC VARIO ELMAR 25mm ultra-wide-angle lens with a 12x optical zoom. A lens like this, with a range from 25mm to 300mm in 35mm film equivalence, is almost inconceivable in such a small, lightweight camera. Comprising 10 elements in 8 groups, including 2 ED lenses and 2 aspherical lenses with 3 aspherical surfaces, and utilizing new lens material in its design, this advanced lens unit realizes the outstandingly slim and compact body while passing Leica's stringent standards to deliver exceptional optical performance. The Extra Optical Zoom function that extends zoom power to 21.4x (at 3-megapixel resolution) by using the center part of the large CCD to bring subjects even closer without deteriorating the image quality.

The TZ7 has a 12-megapixel CCD and shoots with up to 10-megapixel resolution. This is because the CCD on the TZ7 is multi-aspect that can reproduce images shot with the lens set from 25mm to 300mm in any of three aspect ratios - 4:3, 3:2 or 16:9 - so you can always capture dynamic, richly expressive shots with a wide perspective. The Multi Aspect mode lets you to take an image in all three aspect ratios simultaneously then choose the one that best suits your scene after shooting.

## **2. Take Motion Picture Recording to the Next-Level with New Generation AVCHD Lite and iA (Intelligent Auto) Mode**

In addition to Motion JPEG images, the TZ7 can record high-definition motion picture in AVCHD Lite. It features almost doubling the recording time in HD quality compared with the conventional Motion JPEG format. The TZ7 also features Dolby Digital Stereo Creator to record high quality audio, so you can match the beautiful motion images with outstanding stereo sound.

Now on the TZ7, the popular iA (Intelligent Auto) is also available in motion image recording. Optical Image Stabilizer (O.I.S.) helps prevent handshake when using high-powered zoom. Face Detection automatically detects a face in the frame and adjusts focus, exposure, contrast, and skin complexion on it so it always turns out beautifully. Intelligent Exposure continually checks the ambient light level and adjusts the exposure setting as conditions change to prevent blown highlights and blocked shadows. And Intelligent Scene Selector automatically switches between Normal, Portrait, Macro, Scenery, and Low Light modes according to the situation to optimize visual quality.

Motion image recording can be started by pressing a dedicated button on the camera's back panel -- an extremely quick, convenient way to start motion image recording. Most of the camera's settings will be carried over when switched to motion picture recording. The powerful 12x optical zoom is available in movie recording, too.

A Wind Cut function is also available to block out most of the noise from background wind. The TZ7 also provides a Color mode and carries over 17 different scene modes from photo scene modes in movie recording. In AVCHD Lite recording, you can select from three levels of motion image quality: SH (17 Mbps), H (13 Mbps) and L (9 Mbps).

Still or motion images recorded in AVCHD Lite on SD Memory Cards are easy to view on a Panasonic VIERA TV. Simply insert the card into the VIERA Image Viewer (SDHC/SD Memory Card slot) on VIERA TV or DIGA Blu-ray Disc Player to playback your contents. Alternatively, you can use an optional Mini HDMI cable to output the still and motion images you took from the TZ7 directly to the TV for VIERA Link.

You can take maximum advantage of Lumix camera's playback functions including the slideshow in which both still and motion images integrated in the timeline, category playback according to the scene mode you used or calendar display and so on. All control is possible using only the TV's remote control.

In addition, with the included software PHOTOfunSTUDIO HD Edition, it is easy to view and edit your recorded contents. You may also choose to upload your videos to YouTube or burn them to a DVD disc for archiving.

\*When you set the picture quality to HD, WVGA or VGA, we recommend using a high-speed card with "10MB/s" or greater displayed on the package.

\*Motion pictures can be recorded continuously for up to 15 minutes in some countries.

\*Continuous recording exceeding 2GB is not possible when recording motion JPEG. Remaining time for continuous recording is displayed on the screen.

\*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.

### **3. Newly Added Face Recognition Makes the iA (Intelligent Auto) Further Evolved**

With the TZ7, taking great photos is that easy. Panasonic incorporated the Intelligent Auto mode in pursuit of the ultimate ease of operation and the reduction of misshots. This mode is now further advanced with the inclusion of Face Recognition and AF Tracking features for TZ7. In iA mode the camera does all the work, leaving you free to compose shots and capture moments. Just press aim, and shoot.

The TZ7 features Face Recognition, a function that "remembers" faces. When a familiar face is recorded several times, the camera will prompt you to register the face. Once complete, if the familiar face appears into your frame again, the camera will display the name you specified for that person and prioritize focus and exposure so that the registered face is bright and in sharp focus. During registration, you can change the icon that indicates when the registered subject is in focus. You can also specify the age of the registered subject and have both the name and the age of the subject stamped onto your photos.

When babies under 3 years-old are registered, the camera will automatically switch to Baby mode if the baby appears into the frame. In playback, you can choose to display only photos that contain a specific registered face using Category Playback. You can also view image slideshows of only a selected person. Face recognition makes sorting archiving incredibly easy. This advanced face detection system also digitally corrects unwanted red-eye during recording.

With AF Tracking, the TZ7 can lock onto any subject and keep it in focus even if it moves – making it easy to get beautiful, clear shots when a great photo opportunity suddenly arises. Simply aim, lock, and shoot.

In addition to the advanced functions mentioned above, the iA mode inherits fundamental functions users need in a good digital still camera. These include Mega O.I.S., which helps prevent blurring from hand-shake, and Intelligent ISO Control, which reduces motion blur by adjusting the ISO sensitivity if the subject moves as the shot is taken. The Mega O.I.S. now has an AUTO mode to select between the conventional Mode 1 and 2 depending on which mode best suits the zoom ratio being used. Intelligent Exposure optimizes the exposure for each part of an image, preventing blocked shadows and blown highlights and helping ensure that gradation and details are reproduced beautifully. It now features an automatic backlight compensation function that activates whenever the camera detects the subject is in backlight. Intelligent Scene Selector automatically detects the five most common shooting situations – Portrait, Night Portrait, Scenery, Night Scenery and Macro - and switches to the appropriate Scene mode.

The Quick AF system helps keep focus on the subject while the camera is in recording mode even before pressing the shutter button halfway. This improves the result out of a shutter chance because the focus is always near the subject and AF time is minimized. The number of metering points has also been increased from the previous 9 points to a more detailed 11 points.

The user can activate all of these useful, convenient shooting-assist functions by simply selecting iA mode.

#### **4. Venus Engine HD Assures High Picture Quality for Both Still and Motion Picture**

The high-speed, high-performance Venus Engine HD has been re-engineered to support the recording of beautiful, high-definition motion images in AVCHD Lite. With its twin CPUs, Venus Engine HD boasts approx. 2.4x processing capability, greatly improving the speed of camera operations..

This high performance LSI elevates the artificial intelligence of the camera by introducing new circuitry making it possible to “recognize” human faces individually. It also supports high definition output through HDMI.

In image processing, luminance noise and chromatic noise are reduced separately before and after signal processing. This is further refined by separating noise two-dimensionally into high-frequency and low-frequency noise. The circuits then effectively reduce only the low-frequency noise to minimize the unwanted noise and help produce beautiful, sharp still and motion images.

This multi-task image-processing engine has a super-fast response time. The shutter release time lag is as short as approx. 0.006 seconds, making it easy to capture sudden, spur-of-the-moment photo opportunities. In burst shooting mode, the TZ7 can snap approx. 2.3 shots per second at 10.1-megapixel full resolution\*<sup>1</sup>. In High-Speed Burst shooting mode, it fires off an incredible approx. 10 shots per second\*<sup>2</sup>. Unlimited consecutive shooting is also available to let you shoot until the memory card is full\*<sup>3</sup>. Newly added Flash Burst mode makes it possible to take consecutive shots with continuous emissions of the flash\*<sup>4</sup>.

Despite its outstanding performance, the high performance engine is also more energy efficient compared with the conventional Venus Engine IV, extending the battery life up to 300 shots (CIPA) per a single charge.

\*<sup>1</sup>Max.5 images in standard mode / 3 images in fine mode.

\*<sup>2</sup>3-megapixel (4:3), 2.5-megapixel (3:2), 2-megapixel (16:9) recording. (10fps in Speed Priority mode / 6fps in Picture Priority mode)

\*<sup>3</sup> The consecutive shooting speed varies with the memory card, image size, and image compression mode. The number of shots depends on the memory card size, battery life, image size and image compression mode.

\*<sup>4</sup> Max. 5 images. In 3-megapixel (4:3), 2.5-megapixel (3:2), 2-megapixel (16:9) recording.

## **5. A 3.0-inch, Super High Resolution 460,000-dot LCD for Easy Playback**

The TZ7 is equipped with a 3.0-inch, 460,000-dot Intelligent LCD with super high resolution and a wide viewing angle. The screen brightness automatically adjusts in 11 steps as the surrounding brightness level changes, ensuring easy visibility at all times. The big screen reflects fine details, making it easy to check the focus before shooting. It also serves as a small photo and video viewer, allowing the user and friends to enjoy viewing the still and motion images together.

Menus are now cleaner and easier to navigate, even for seniors, thanks to the new "Display Size" option. Thanks to the Venus Engine HD, smooth image playback at very high speeds is now available approx.17x faster for thumbnail and approx. 4x for single image even the image resolution is as high as 12.1-megapixel.

The TZ7 offers a Mode Playback feature which allows you to choose playing back 'only still images', 'only motion images', or 'both'. When choosing to playback 'only motion images', you can even select to playback AVCHD Lite and Motion JPEG videos separately. Images and videos can be played back together with an attractive seamless effect and background music in the new Slideshow Mode. Using an optional mini HDMI cable, you share your slideshows in astounding HD video and audio quality on your HDTV with your family and friends.

## **6. Other Versatile Functions Adding to the Photographic Enjoyment**

Lumix functions continue to evolve. Scene modes, which are optimized for a variety of still-image shooting situations, are now available for motion images as well. Thanks to a rich variety of 27 scene modes for still image and 17 for motion image (Portrait, Soft Skin, Transform, Self portrait, Scenery, Low light, Food, Party, Candle light, Sunset, Beach, Snow, Aerial, High Sensitivity, Pin hole, Film grain and Underwater), capturing beautiful videos is effortless with the TZ7.

The new scene mode for shooting still images includes the Panorama Assist mode, which allows you to create powerful panoramic images - both vertically and horizontally. Simply align your shots according to a guide which overlaps the frame when you shoot, then use the included PanoramaMaker software to create your panorama images.

The mode dial comes with two My Scene settings. Users can assign a specific scene mode to each setting and switch instantly between modes when desired.

The minimum shooting distance has been shortened to 3 cm on the TZ7. With the new Macro Zoom function, the user can pull subjects even closer than the closest point possible with the wide-angle setting by using 3x digital zoom, and capture dramatic close-ups.

### **About Included Software PHOTOfunSTUDIO 3.0 HD Edition**

The latest version of the exciting bundled software PHOTOfunSTUDIO 3.0 HD Edition allows you to view, edit and archive your captured contents with greater ease and fun.

Still and motion images can be transferred to the PC via a USB cable for viewing and archiving on the PC with the PHOTOfunSTUDIO 3.0 HD Edition installed. Using PHOTOfunSTUDIO 3.0 HD Edition, you can edit and remove unwanted portions of your video clips recorded in AVCHD Lite. Contents recorded in AVCHD Lite can be burned directly onto a DVD disc for viewing on a DIGA Blu-ray Disc player\*. Alternatively, you can use the software to convert your contents to MPEG2 format to burn onto a DVD disc.

The portrait images taken with the camera's Face Recognition function are organized neatly in the folder of the name registered with the camera. Not only that, the software also features an independent Face

Recognition function that recognizes the faces in the picture stored in your PC to sort the photos by the face. You do not have to pick out each photo one by one out of thousand of photos when you only want pictures of a specific person. With PHOTOfunSTUDIO 3.0 HD Edition, the software automatically sorts your images into virtual folders based on the faces you registered. You can also enjoy slideshows with a variety of effects and use your iTunes music library as background music. Motion pictures can be uploaded directly to YouTube using the built-in YouTube uploader.

\*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.

Panasonic also introduced the DMC-TZ6, a sister model to the DMC-TZ7.

#### **DMC-TZ6**

-25mm ultra-wide angle 12x powerful optical zoom (25-300mm)\* Leica DC Vario-Elmar lens in a compact body

-iA(Intelligent Auto) mode for still image recording including AF Tracking, Face Detection (without Face Recognition), Mega O.I.S. (Optical Image Stabilizer), Intelligent ISO Control, Intelligent Scene Selector, Intelligent Exposure

-High speed, high performance Venus Engine IV

-1/2.5-inch, 10.1-megapixel CCD

-Motion Image Recording - WVGA(848x480), VGA(640x480), QVGA(320x240) 30fps

-2.7-inch, 230,000-dot Intelligent LCD

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

\*Depending on background and facial expression, camera may not recognize a registered person. For family members with similar facial features, camera may not correctly identify the intended subject.

\*Leica is a registered trademark of Leica Microsystems IR GmbH.

\*The LEICA DC VARIO-ELMAR 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.

\*The "AVCHD" is a high definition (HD) digital video recording / playback format jointly established by Panasonic Corporation and Sony Corporation. The "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.

\*The "AVCHD Lite" and the "AVCHD Lite" logo are trademarks of Panasonic Corporation and Sony Corporation.

\*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.

\*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.

\*All other company and product names are trademarks of their respective corporations.

\*This unit is compatible with both SD Memory cards and SDHC Memory cards. You can only use SDHC Memory cards on devices that are compatible with them. You cannot use SDHC Memory cards on devices that are only compatible with SD Memory cards. (When using a SDHC Memory card on another device, be sure to read the operating instructions for that device.)

\*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.

\*Design and specifications are subject to change without notice.

**DMC-TZ7,TZ6 Specifications**

DMC-TZ7: S-Silver, K-Black, T-Brown : Actual Selling Price at RM 1,599.

DMC-TZ6: S-Silver, K-Black : Actual Selling Price at RM 1,499.

<b>Metrics</b>	<b>Dimensions (W x H x D)</b>	103.3 x 59.6 x 32.8 mm (4.07 x 2.35 x 1.29 in)	
	<b>Weight</b>	Approx. 206g (0.45 lb) Approx. 229g with Battery and SD Memory Card (0.50 lb)	
<b>Optics</b>	<b>Pixels</b>	<b>Camera Effective Pixels</b> 10.1 Megapixels	
	<b>CCD</b>	<b>Sensor Size / Total Pixels / Filter</b> TZ7:1/2.33-inch / 12.7 Total Megapixels / Primary Color Filter TZ6: 1/2.5-inch / 10.3 Total Megapixels / Primary Color Filter	
	<b>Lens</b>	<b>Aperture</b>	F3.3 - 4.9 / Iris Diaphragm (F3.3 - 6.3 (W) / F4.9 - 6.3 (T))
		<b>Optical Zoom</b>	12x
		<b>Focal Length</b>	f=4.1-49.2mm (25-300mm in 35mm equiv.)
		<b>Extra Optical Zoom (EZ)</b>	14.3x (4:3 / 7M), 17.1x (4:3 / 5M), 21.4x (under 3M)
		<b>Lens</b>	LEICA DC VARIO-ELMAR 10 elements in 8 groups (2 Aspherical Lenses / 3 Aspherical surfaces, 2 ED lens)
		<b>2-Speed Zoom</b>	Yes
		<b>Optical Image Stabilizer</b>	MEGA O.I.S. (Auto / Mode1 / Mode2)
		<b>Digital Zoom</b>	4x ( Max. 48.0 x combined with Optical Zoom without Extra Optical Zoom ) (Max.85.6x combined with Extra Optical Zoom)
	<b>Focus</b>	<b>Focusing Area</b>	Normal: Wide 50cm/ Tele 200cm - infinity Macro / Intelligent AUTO / Clipboard : Wide 3cm / Max 200cm / Tele 100cm - infinity
		<b>Focus Range Display</b>	Yes
		<b>AF Assist Lamp</b>	Yes
		<b>Focus</b>	Normal / Macro, AF Tracking (On / Off), Pre-AF (Off / Quick AF / Continuous AF) Continuous AF (On / Off) in motion image recording

Recording	Shutter	AF Metering	Face / AF Tracking / Multi (11pt) / 1pt HS / 1pt / Spot
		Shutter Speed	8-1/2000 sec (Selectable minimum shutter speed) Starry Sky Mode : 15, 30, 60sec.
	iA	Face Recognition	TZ7:Photo TZ6: -
		Optical Image Stabilizer	TZ7: Photo & Movie TZ6: Photo & Movie
		Intelligent ISO Control	TZ7: Photo TZ6: Photo
		Face Detection	TZ7: Photo & Movie  TZ6: Photo
		Intelligent Scene Selector	TZ7: Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro), & Movie (Portrait, Scenery, Low Light, Macro) TZ6: Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro),
		Intelligent Exposure	TZ7: Photo & Movie TZ6: Photo
		AF Tracking	Photo
		Digital Red Eye Correction	Photo
	File	File Format	Still Image: JPEG (DCF / Exif2.21)  Image with Audio: JPEG (DCF / Exif2.21) + QuickTime  Motion picture: AVCHD Lite*, QuickTime Motion JPEG  *TZ7 only
		AVCHD Lite REC	TZ7: NTSC / PAL (Depends on Region) TZ6: -
	Interface	Mode Switch	[Recording] / [Playback]
		One-Touch Movie Button	TZ7: Yes TZ6: -
Recording Modes	Mode Dial	Intelligent AUTO, Normal Picture, MySCN1, MySCN2, SCN, Clipboard	
	Still Picture Scene Mode	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Panorama Assist, Sports, 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
<b>Movie Scene Mode</b>	TZ7: 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 Picture Scene Mode then pressing movie button.  Still Picture Scene Modes without corresponding Movie Scene Mode is recorded in Normal Mode) TZ6: -
<b>Continuous Shooting Mode</b>	<b>TZ7:</b> Full-Resolution Image, 2.3 frames/sec Max. 5 images (Standard mode), Max 3 images (Fine Mode)  High-speed Burst Mode: approx. 6.0 frames/sec (image priority), approx. 10 frames/sec (speed priority) (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16:9)  <b>TZ6:</b> Full-Resolution Image, 2.5 frames/sec Max. 5 images (Standard mode), Max 3 images (Fine Mode) High-speed Burst Mode: approx. 6.5 frames/sec (image priority) approx. 10 frames/sec (speed priority) (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16:9)
<b>Unlimited consecutive shooting</b>	TZ7: 1.8 frames/sec TZ6: 2.0 frames/sec
<b>Motion Picture Recording</b>	<b>4:3</b> VGA: 640 x 480 pixels, 30fps (Motion JPEG)  ----- QVGA: 320 x 240 pixels, 30 fps (Motion JPEG)  <b>16:9</b> WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) ----- <b>HD Movie</b> TZ7: 1280x720, 60P (AVCHD Lite, SH: 17Mbps / H:13Mbps / L:9Mbps) / 30fps (Motion JPEG) TZ6: -
<b>Exposure Parameters</b>	<b>Exposure</b> Program AE
	<b>Exposure Compensation</b> 1/3 EV step, +/-2 EV
	<b>Auto (AE) Bracketing</b> +/- 1/3 EV ~1EV step, 3 frames

	<b>Multi-Aspect</b>	TZ7: Yes TZ6: -
	<b>Light Metering</b>	Intelligent Multiple/ Center Weighted/ Spot
	<b>ISO Sensitivity</b>	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)
<b>Image Parameters</b>	<b>Aspect Ratio</b>	4:3 / 3:2 / 16:9
	<b>Still Picture Recording</b>	TZ7:
	<b>TZ7:</b>	<b>4:3</b> 3648 x 2736 (10M) / 3072 x 2304 (7M EZ) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 1600 x 1200 (2M EZ) / 640 x 480 (0.3M EZ) <b>3:2</b> 3776 x 2520 (9.5M) / 3168x2112 (6.5M EZ) / 2656x1768 (4.5M EZ) / 2112x1408 (3M EZ) / 2048 x 1360 (2.5M EZ) <b>16:9</b> 3968 x 2232 (9M) / 3328x1872 (6M EZ) / 2784x1568 (4.5M EZ) / 2208x1248 (2.5M EZ) / 1920 x 1080 (2M EZ)
	<b>TZ6:</b>	<b>4:3</b> 3648 x 2736 (10M) / 3072 x 2304 (7M EZ) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 1600 x 1200 (2M EZ) / 640 x 480 (0.3M EZ) <b>3:2</b> 3648 x 2432 (9M) / 3072 x 2048 (6M EZ) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ) <b>16:9</b> 3648 x 2056 (7.5M) / 3072 x 1728 (5.5M EZ) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)
	<b>Image Quality</b>	Fine / Standard
	<b>White Balance</b>	Auto / Daylight / Cloudy / Shade / Halogen / White Set White Balance Adjustment ( $\pm 10$ steps, except for auto set)
	<b>Quick Menu</b>	Yes
	<b>Color Mode</b>	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm
<b>Others</b>	<b>Still Image with Audio Recording</b>	5 sec
	<b>Audio Dubbing</b>	Max. 10sec
	<b>Real-time histogram</b>	Yes
	<b>Composition Guide line</b>	Yes (2 patterns)
	<b>Auto Review</b>	1sec, 2sec, Hold, Zoom
	<b>Review</b>	Yes

		<b>Easy Zoom / Zoom Resume</b>	No / Yes
		<b>Optical Zoom in Motion Picture</b>	Yes
		<b>Zoom Macro</b>	Yes
		<b>Orientation Detector</b>	Yes
		<b>Scene Mode Help Screen</b>	Yes
		<b>Self Timer</b>	2sec / 10sec
		<b>Focus Icon Select</b>	TZ7: Yes (in Face Recognition only) TZ6: -
<b>Playback</b>	<b>Display</b>	<b>Playback Mode</b>	Normal Playback, Slideshow, Mode Playback, Category Playback, Favorites Playback
		<b>Thumbnails / Zoomed Playback</b>	12,30-thumbnails / Max 16x
		<b>Calender Display / Dual-Image Playback</b>	Yes / No
		<b>Set Favorites / Rotate Image</b>	Yes / No
		<b>Playback Still Images with Audio</b>	Yes
		<b>Playback Motion Picture</b>	TZ7: Yes (Motion JPEG / AVCHD Lite) TZ6: Yes (Motion JPEG)
		<b>Slideshow Mode</b>	All / Still Images Only / Motion Picture Only / Favorites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF)
		<b>Show Histogram</b>	Yes
	<b>Delete</b>	<b>Delete Image</b>	Single / Multi / All / All except Favorites
		<b>Edit</b>	<b>DPOF Print Setting / Set Protection</b>
	<b>Resize / Trim / Aspect Conv. / Leveling</b>		Yes / Yes / Yes* / Yes *TZ7 only
	<b>Copy / Title Edit / Text Stamp</b>		Yes / Yes / Yes
<b>PictBridge Support</b>	Single / Multi / All / Favorites / DPOF		

Setup	OSD language	English, German, French, Italian, Spanish, Polish, Czech, Hungarian, Russian, Chinese (Traditional), Chinese (Simplified), Netherlandic, Thai, Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish  *Varies depending on the sales area	
	Viera Link	TZ7: Yes TZ6: -	
	HDMI Output	TZ7: Video: Auto / 1080i / 720p / 480p(NTSC), 576p(PAL) Audio: Dolby Digital Stereo Creator (Dolby AC3) TZ6: -	
	Movie REC Guide	TZ7: Yes TZ6: -	
	Wind-Cut in Motion Picture	TZ7: Yes TZ6: -	
	Travel Date / World Time	Yes / Yes	
Others	Monitor	LCD Monitor	TZ7: 3.0" TFT LCD Display (460K dots)  TZ6: 2.7" TFT LCD Display (230K dots)  Field of View : approx. 100%, Wide Viewing Angle, AUTO Power LCD mode, Power LCD mode
		Flash	Built-in-Flash
	Media	Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (Still image only)
		Built-in-Memory	approx. 40MB
	Audio	Microphone / Speaker	TZ7: Stereo / Yes TZ6: Mono / Yes
	Interface	Interface	<b>TZ7:</b> miniHDMI, USB2.0 High speed  AV Output NTSC model (NTSC), PAL model (PAL/NTSC) DC Input (requires Multi Conversion Adapter DMW-MCA1*) <b>TZ6:</b> USB2.0 High speed  AV Output NTSC model (NTSC), PAL model (PAL/NTSC) DC Input (requires Multi Conversion Adapter DMW-MCA1*)  *Optional

	<b>Power</b>	<p>ID-Security Li-ion Battery Pack (3.6V, 895mAh) (Included)</p> <p>AC Adaptor DMW-AC5* (Input: 110-240V AC)</p> <p>with Multi Conversion Adapter DMW-MCA1*</p> <p>*Optional</p>
<b>Standard Package</b>	<b>Battery life (approx.)</b>	<p>TZ7: 300 pictures (CIPA Standard)</p> <p>TZ6: 320 pictures (CIPA Standard)</p>
	<b>Included Software</b>	<p>TZ7: PHOTOfunSTUDIO v3.0 HD Edition</p> <p>TZ6: PHOTOfunSTUDIO v3.0</p> <p>ArcSoft (MediaImpression / Panorama Maker), USB Driver, QuickTime</p>
	<b>Standard Accessories</b>	<p>Battery Charger, Battery Pack, Battery case</p> <p>AV Cable, USB Connection Cable, AC Cable</p> <p>Hand Strap, CD-ROM</p>

\*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.

**About Panasonic Malaysia Sdn Bhd**

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