

	DMC-TZ5 / DMC-TZ4
Dimensions (W x H x D)	TZ5: 103.3 x 59.3 x 36.5 mm (4.07 x 2.33 x 1.44 in) TZ4: 103.3 x 59.3 x 36.2 mm (4.07 x 2.33 x 1.43 in)
Weight	TZ5: Approx. 214g (0.47 lb) Approx. 240g with Battery and SD Memory Card (0.53 lb) TZ4: Approx. 208g (0.46lb) Approx. 234g with Battery and SD Memory Card (0.52 lb)
Camera Effective Pixels	TZ5: 9.1 Mega pixels TZ4: 8.1 Mega pixels
Image Sensor	TZ5: 1/2.33" 10.7 Total Mega Pixels CCD, Primary Color Filter TZ4: 1/2.5" 8.32 Total Mega Pixels CCD, Primary Color Filter
Optical Zoom	10x
Extra Optical Zoom	TZ5: <u>4:3 Aspect Ratio</u> : 11.3x for 7Mega, 13.5x for 5Mega, 16.9x for 3Mega, 2Mega, 0.3Mega <u>3:2 Aspect Ratio</u> : 11.6x for 6Mega, 13.9x for 4.5Mega, 16.9x for 2.5Mega <u>16:9 Aspect Ratio</u> : 12.1x for 5.5Mega, 14.5x for 3.5Mega, 16.9x for 2Mega TZ4: <u>4:3 Aspect Ratio</u> : 12.8x for 5Mega, 15.9x for 3Mega, 2Mega, 0.3Mega <u>3:2 Aspect Ratio</u> : 12.8x for 4.5Mega, 15.9x for 2.5Mega <u>16:9 Aspect Ratio</u> : 12.8x for 3.5Mega, 15.9x for 2Mega
Digital Zoom	4x (Max. 40.0 x combined with Optical Zoom without Extra Optical Zoom) TZ5: (Max. 67.5x combined with Extra Optical Zoom) TZ4: (Max. 63.8x combined with Extra Optical Zoom)
Focal Length	f=4.7-47mm (35mm Equiv.: 28-280mm)
Lens	LEICA DC VARIO-ELMAR 11 elements in 9 groups (3 Aspherical Lenses / 4 Aspherical surfaces, 1 ED lens)
Aperture	Wide: F3.3 / F8.0 (2 steps) Tele: F4.9 / F11 (2 steps)
Optical Image Stabilizer	MEGA O.I.S. (Mode1/ Mode2)
Focusing Area	Normal: Wide 50cm/ Tele 200cm - infinity Macro / Intelligent AUTO / Clipboard : Wide 5cm / Max 200cm / Tele 100cm - infinity
AF Metering	Face / 1-point/ 1-point high speed/ 3-point high speed/ 9-point/ Spot
Focus	Normal / Macro, Continuous AF (in Intelligent Auto, On/Off)
AF Assist Lamp	Yes
ISO Sensitivity	Auto /100 / 200 / 400 / 800 / 1600 (High Sensitivity Mode : Auto(1600 - 6400))
White Balance	Auto / Daylight / Cloudy / Shade / Halogen / White Set White Balance Adjustment (±10steps, except for auto set)
Exposure	Program AE
Exposure Compensation	1/3 EV step, +/-2 EV
Backlight Compensation	Yes (at Intelligent AUTO mode)
Auto (AE) Bracketing	+/- 1/3 EV ~1EV step, 3 frames
Light Metering	Intelligent Multiple/ Center Weighted/ Spot
Rec Mode (Mode Dial)	Intelligent AUTO, Normal Picture, Motion Picture, Clipboard, Scene 1, Scene 2
Scene Mode	TZ5: Portrait, Soft Skin, Scenery, Sports, Night Portrait, Night Scenery, Self-Portrait, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst, Starry Sky, Fireworks, Beach, Snow, Aerial photo, Underwater, Multi Aspect TZ4: Portrait, Soft Skin, Scenery, Sports, Night Portrait, Night Scenery, Self-Portrait, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst, Starry Sky, Fireworks, Beach, Snow, Aerial photo, Underwater
Shutter Speed	8-1/2000 sec, Starry Sky Mode : 15, 30, 60sec.

Self Timer	2sec / 10sec
Auto Review	1sec, 2sec, Zoom, Hold
Color Mode	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm
Recording Format	Still Image: JPEG(Design rule for Camera File system, based on Exif 2.21 standard) DPOF corresponding Image with audio: JPEG (Design rule for Camera File system, based on Exif 2.21 standard) + QuickTime Motion picture: QuickTime Motion JPEG
Recording Image Size	TZ5: Still Image: <u>4:3 Aspect Ratio:</u> 3456 x 2592 pixels, 3072 x 2304 pixels, 2560 x 1920 pixels, 2048 x 1536 pixels, 1600 x 1200 pixels, 640 x 480 pixels <u>3:2 Aspect Ratio:</u> 3552 x 2368 pixels, 3072 x 2048 pixels, 2560 x 1712 pixels, 2048 x 1360 pixels <u>16:9 Aspect Ratio:</u> 3712 x 2088, 3072 x 1728 pixels, 2560 x 1440 pixels, 1920 x 1080 pixels TZ4: Still Image: <u>4:3 Aspect Ratio:</u> 3264 x 2448 pixels, 2560 x 1920pixels, 2048 x 1536 pixels, 1600 x 1200 pixels, 640 x 480 pixels <u>3:2 Aspect Ratio:</u> 3264 x 2176 pixels, 2560 x 1712 pixels, 2048 x 1360 pixels <u>16:9 Aspect Ratio:</u> 3264 x 1840 pixels, 2560 x 1440 pixels, 1920 x 1080 pixels
Image Quality	Fine / Standard
Motion Picture	<u>TZ5:</u> <u>4:3 Aspect Ratio: 640 x 480 pixels, 320 x 240 pixels 30 fps, 10 fps</u> <u>16:9 Aspect Ratio: 848 x 480 pixels 30 fps, 10 fps</u> <u>HD (16:9 Aspect Ratio) : 1280x720 30fps, 15fps</u> <u>TZ4:</u> <u>4:3 Aspect Ratio: 640 x 480 pixels, 320 x 240 pixels 30 fps, 10 fps</u> <u>16:9 Aspect Ratio: 848 x 480 pixels 30 fps, 10 fps</u>
Burst Shooting Mode	TZ5: <u>Full-Resolution Image</u> 2.5 frames/sec Max. 5 images (Standard mode), Max 3 mages (Fine Mode) <u>High-speed Burst Mode:</u> Approx. 6 frames/sec (recorded in 2M for 4:3, 2.5M for 3:2, 2M for 16:9) TZ4: <u>Full-Resolution Image</u> 3 frames/sec Max. 7 images (Standard mode), Max 4 images (Fine Mode) <u>High-speed Burst Mode:</u> Approx. 7 frames/sec (recorded in 2M for 4:3, 2.5M for 3:2, 2M for 16:9)
Unlimited consecutive shooting	Yes
Intelligent Exposure	Yes
Digital Red Eye Correction	TZ5: Yes / TZ4: No
Easy Zoom / Zoom Resume	Yes / Yes
Zoom in Motion Picture Recording	Yes
Still Image Rec. with Audio	5 sec
Audio Dubbing	Max. 10sec
Real-time histogram	Yes
Composition Guide line	Yes (2 patterns)
Built-in-Memory	approx. 50MB

Scene Mode Help Screen	Yes
Auto Angle Detection	Yes
Travel Date / World Time	Yes / Yes
Title Edit	Yes
Text Stamp	Yes
Built-in-Flash	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off 0.6 - 5.3m (Wide/ISO Auto), 1.0 - 3.6m (Tele/ISO Auto)
LCD Monitor	TZ5: 3.0" Polycrystalline TFT LCD Display (460K dots), Field of View : approx. 100% AUTO Power LCD mode, Power LCD mode, High angle mode TZ4: 2.5" TFT LCD Display (230K dots), Field of View : approx. 100% AUTO Power LCD mode, Power LCD mode, High angle mode
Playback mode	TZ5: [REC]/[Play] Selector switch 30-thumbnail display, 12-thumbnail display, calendar display, zoomed playback (16x max.), playback of favorite pictures, image rotation, Resizing (selectable number of pixels), trimming, protection, aspect conv. DPOF print setting Creating still pictures from a motion picture, Dual image playback TZ4: [REC]/[Play] Selector switch 30-thumbnail display, 12-thumbnail display, calendar display, zoomed playback (16x max.), playback of favorite pictures, image rotation, Resizing (selectable number of pixels), trimming, protection, aspect conv. DPOF print setting
Slideshow Mode	Yes (duration & effect with music adjustable)
Category Playback	Yes (in slideshow mode and normal playback)
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 *Vary depending on the sales area.
Recording Media	Built-in Memory SD Memory Card, SDHC Memory Card, MultiMediaCard (Still image only)
Microphone	Yes
Speaker	Yes
Interface	DC Input, AV Output (NTSC/PAL), HD AV Output (Component), USB2.0 High speed
Direct Print	PictBridge
Power	Li-ion Battery Pack (3.7V, 1000mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional)
Battery life (approx.)	TZ5: 300 pictures (CIPA Standard)*1 TZ4: 330 pictures (CIPA Standard)*1
Included Software	PHOTOfunSTUDIO -viewer- ArcSoft (MediaImpression / Panorama Maker) USB Driver
Standard Accessories	Battery Charger, Battery Pack, Battery carrying case AV Cable, USB Connection Cable, AC Cable, Strap, CD-ROM

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