Specifications

Section	Group	Item	DMC-TZ7	DMC-TZ6	DMC-FT1	DMC-FX550	DMC-FX40	DMC-FS25	DMC-FS15	DMC-FS7	DMC-FS6	DMC-FS4	DMC-LS85
Metrics		Dimensions (W x H x D)	103.3 x 59.6 x 32.8 mm (4.07 x 2.35 x 1.29 in)	103.3 x 59.6 x 32.8 mm (4.07 x 2.35 x 1.29 in)	98.3 x 63.1 x 23.0 mm (3.87 x 2.49 x 0.91 in)	94.9 x 57.1 x 21.9 mm (3.74 x 2.25 x 0.86 in)	95.3 x 52.9 x 21.5 mm (3.75 x 2.08 x 0.85 in)	97.0 x 57.9 x 21.8 mm (3.82 x 2.28 x 0.86 in)	97.0 x 54.4 x 21.7 mm (3.82 x 2.14 x 0.85 in)	97.0 x 54.4 x 21.7 mm (3.82 x 2.14 x 0.85 in)	97.0 x 54.4 x 21.2 mm (3.82 x 2.14 x 0.84 in)	97.6 x 55.4 x 22.3 mm (3.84 x 2.18 x 0.88 in)	96.7 x 62.0 x 29.8 mm (3.89 x 2.48 x 1.19 in)
		Weight	Approx. 206g (0.45 lb) Approx. 229g with Battery and SD Memory Card (0.50 lb)	Approx. 206g (0.45 lb) Approx. 229g with Battery and SD Memory Card (0.50 lb)	Approx. 162.5g (0.36 lb) Approx. 183.8g with Battery and SD Memory Card (0.41 lb)	Approx. 145g (0.32 lb) Approx. 167g with Battery and SD Memory Card (0.37 lb)	Approx. 128g (0.28 lb) Approx. 150g with Battery and SD Memory Card (0.33 lb)	Approx. 126g (0.28 lb) Approx. 148g with Battery and SD Memory Card (0.33 lb)	Approx. 116g (0.26 lb) Approx. 138g with Battery and SD Memory Card (0.3 lb)	Approx. 117g (0.258 lb) Approx. 139g with Battery and SD Memory Card (0.31 lb)	Approx. 115g (0.25 lb) Approx. 137g with Battery and SD Memory Card (0.3 lb)	Approx. 112g (0.25 lb) Approx. 134g with Battery and SD Memory Card (0.30 lb)	Approx. 128g (0.28 lb) Approx. 176g with Battery and SD Memory Card (0.38 lb)
Optics	Pixels	Camera Effective Pixels	10.1 Megapixels	10.1 Megapixels	12.1 Megapixels	12.1 Megapixels	12.1 Megapixels	12.1 Megapixels	12.1 Megapixels	10.1 Megapixels	8.1 Megapixels	8.1 Megapixels	8.1 Megapixels
	CCD	Sensor Size / Total Pixels / Filter	1/2.33-inch / 12.7 Total Megapixels / Primary Color Filter	1/2.5-inch / 10.3 Total Megapixels / Primary Color Filter	1/2.33-inch / 12.7 Total Megapixels / Primary Color Filter	1/2.33-inch / 12.7 Total Megapixels / Primary Color Filter	1/2.33-inch / 12.7 Total Megapixels / Primary Color Filter	1/2.33-inch / 12.7 Total Megapixels / Primary Color Filter	1/2.33-inch / 12.7 Total Megapixels / Primary Color Filter	1/2.5-inch / 10.35 Total Megapixels / Primary Color Filter	1/2.5-inch / 8.32 Total Megapixels / Primary Color Filter	1/2.5-inch / 8.32 Total Megapixels / Primary Color Filter	1/2.5-inch / 8.32 Total Megapixels / Primary Color Filter
	Lens	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 (W) / F5.9 - 8 (T))	F2.8 - 5.9 / Iris Diaphragm (F2.8 - 8 (W) / F5.9 - 8 (T))	F3.3 - 5.9 / Iris Diaphragm (F3.3 - 8 (W) / F5.9 - 8 (T))	F3.3 - 5.9 / Iris Diaphragm (F3.3 - 8 (W) / F5.9 - 8 (T))	F2.8 - 5.9 / 2-Step (F2.8 - 8 (W) / F5.9 - 16 (T))	F2.8 - 5.9 / 2-Step (F2.8 - 8 (W) / F5.9 - 16 (T))	F2.8 - 5.9 / 2-Step (F2.8 - 8 (W) / F5.9 - 16 (T))	F2.8 - 5.9 / 2-Step (F2.8 - 8 (W) / F5.9 - 16 (T))
		Optical Zoom	12x	12x	4.6x	5x	5x	5x	5x	4x	4x	4x	4x
		Focal Length	f=4.1-49.2mm (25-300mm in 35mm equiv.)	f=4.1-49.2mm (25-300mm in 35mm equiv.)	f=4.9-22.8mm (28-128mm in 35mm equiv.)	f=4.4-22.0mm (25-125mm in 35mm equiv.)	f=4.4-22.0mm (25-125mm in 35mm equiv.)	f=5.2-26.0mm (29-145mm in 35mm equiv.)	f=5.2-26.0mm (29-145mm in 35mm equiv.)	f=5.5-22.0mm (33-132mm in 35mm equiv.)	f=5.5-22.0mm (33-132mm in 35mm equiv.)	f=5.5-22.0mm (33-132mm in 35mm equiv.)	f=5.5-22.0mm (33-132mm in 35mm equiv.)
		Extra Optical Zoom (EZ)	14.3x (4:3 / 7M), 17.1x (4:3 / 5M), 21.4x (under 3M)	14.3x (4:3 / 7M), 17.1x (4:3 / 5M), 21.4x (under 3M)	5.7x (4:3 / 8M), 7.3x (4:3 / 5M), 9.1x (under 3M)	6.1x (4:3 / 8M), 7.8x (4:3 / 5M), 9.8x (under 3M)	6.1x (4:3 / 8M), 7.8x (4:3 / 5M), 9.8x (under 3M)	6.1x (4:3 / 8M), 7.8x (4:3 / 5M), 9.8x (under 3M)	6.1x (4:3 / 8M), 7.8x (4:3 / 5M), 9.8x (under 3M)	5.7x (4:3 / 5M), 7.1x (under 3M)	5.1x (4:3 / 5M), 6.4x (under 3M)	5.1x (4:3 / 5M), 6.4x (under 3M)	5.1x (4:3 / 5M), 6.4x (under 3M)
		Lens	LEICA DC VARIO-ELMAR 10 elements in 8 groups (2 Aspherical Lenses / 3 Aspherical surfaces, 2 ED lens)	LEICA DC VARIO-ELMAR 10 elements in 8 groups (2 Aspherical Lenses / 3 Aspherical surfaces, 2 ED lens)	LEICA DC VARIO-ELMAR 10 elements in 8 groups (5 Aspherical Lenses / 6 Aspherical surfaces, 1 ED lens)	LEICA DC VARIO-ELMARIT 7 elements in 6 groups (4 Aspherical Lenses / 6 Aspherical surfaces, 1 EA lens)	LEICA DC VARIO-ELMARIT 7 elements in 6 groups (4 Aspherical Lenses / 6 Aspherical surfaces, 1 EA lens)	LEICA DC VARIO-ELMAR 7 elements in 6 groups (3 Aspherical Lenses / 4 Aspherical surfaces)	LEICA DC VARIO-ELMAR 7 elements in 6 groups (3 Aspherical Lenses / 4 Aspherical surfaces)	LEICA DC VARIO-ELMARIT 6 elements in 5 groups (3 Aspherical Lenses / 4 Aspherical surfaces)	LEICA DC VARIO-ELMARIT 6 elements in 5 groups (3 Aspherical Lenses / 4 Aspherical surfaces)	LUMIX DC VARIO 6 elements in 5 groups (3 Aspherical Lenses / 4 Aspherical surfaces)	LUMIX DC VARIO 6 elements in 5 groups (3 Aspherical Lenses / 4 Aspherical surfaces)
		2-Speed Zoom	Yes	Yes	-	-	-	-	-	-	-	-	-
		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)	MEGA O.I.S. (Auto / Mode1 / Mode2)	MEGA O.I.S. (Auto / Mode1 / Mode2)	-	MEGA O.I.S. (Auto / Mode1 / Mode2)
		Conversion lens Compatibility	-	-	-	-	-	-	-	-	-	-	-
		Digital Zoom	4x (Max. 48.0 x combined with Optical Zoom without Extra Optical Zoom) (Max.85.6x combined with Extra Optical Zoom)	4x (Max. 48.0 x combined with Optical Zoom without Extra Optical Zoom) (Max.85.6x combined with Extra Optical Zoom)	4x (Max. 18.4 x combined with Optical Zoom without Extra Optical Zoom) (Max.36.0x combined with Extra Optical Zoom)	4x (Max. 20.0 x combined with Optical Zoom without Extra Optical Zoom) (Max.39.1x combined with Extra Optical Zoom)	4x (Max. 20.0 x combined with Optical Zoom without Extra Optical Zoom) (Max.39.1x combined with Extra Optical Zoom)	4x (Max. 20.0 x combined with Optical Zoom without Extra Optical Zoom) (Max.39.1x combined with Extra Optical Zoom)	4x (Max. 20.0 x combined with Optical Zoom without Extra Optical Zoom) (Max.39.1x combined with Extra Optical Zoom)	4x (Max. 16.0 x combined with Optical Zoom without Extra Optical Zoom) (Max.28.4x combined with Extra Optical Zoom)	4x (Max. 16.0 x combined with Optical Zoom without Extra Optical Zoom) (Max.25.6x combined with Extra Optical Zoom)	4x (Max. 16.0 x combined with Optical Zoom without Extra Optical Zoom) (Max.25.5x combined with Extra Optical Zoom)	4x (Max. 16.0 x combined with Optical Zoom without Extra Optical Zoom) (Max.25.5x combined with Extra Optical Zoom)
	Focus	Focusing Area	Normal: Wide 50cm/ Tele 200cm - infinity Macro / Intelligent AUTO / Clipboard : Wide 3cm / Max 200cm / Tele 100cm - infinity	Normal: Wide 50cm/ Tele 200cm - infinity Macro / Intelligent AUTO / Clipboard : Wide 3cm / Max 200cm / Tele 100cm - infinity	Normal: Wide 30cm / Tele 50cm - infinity Macro / Intelligent AUTO : Wide 5cm / Tele 30cm - infinity	Normal: Wide 50cm/ Tele 100cm - infinity Macro / Intelligent AUTO : Wide 5cm / Tele 100cm - infinity	Normal: Wide 50cm/ Tele 100cm - infinity Macro / Intelligent AUTO : Wide 5cm / Tele 100cm - infinity	Normal: Wide 50cm/ Tele 100cm - infinity Macro / Intelligent AUTO : Wide 5cm / Tele 100cm - infinity	Normal: Wide 50cm/ Tele 100cm - infinity Macro / Intelligent AUTO : Wide 5cm / Tele 100cm - infinity	Normal: Wide 50cm - infinity Macro / Intelligent AUTO : Wide 5cm / Tele 50cm - infinity	Normal: Wide 50cm - infinity Macro / Intelligent AUTO : Wide 5cm / Tele 50cm - infinity	Normal: Wide 50cm - infinity Macro / Intelligent Scene Mode : Wide 5cm / Tele 50cm - infinity	Normal: Wide 50cm/ Tele 50cm - infinity Macro / Intelligent AUTO : Wide 5cm / Tele 50cm - infinity
		Focus Range Display	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		AF Assist Lamp	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Focus	Normal / Macro, AF Tracking (On / Off), Pre-AF (Off / Quick AF / Continuous AF), Continuous AF (On / Off) in Motion Picture Recording	Normal / Macro, AF Tracking (On / Off), Pre-AF (Off / Quick AF / Continuous AF), Continuous AF (On / Off) in Motion Picture Recording	Normal / Macro, AF Tracking (On / Off), Pre-AF (Off / Quick AF / Continuous AF), Continuous AF (On / Off) in Motion Picture Recording	Normal / Macro, Touch AF/AE Tracking (On / Off), Quick AF (On / Off)	Normal / Macro, Touch AF/AE Tracking (On / Off), Quick AF (On / Off)	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)
		AF Metering	Face / AF Tracking / Multi (11pt) / 1pt HS / 1pt / Spot	Face / AF Tracking / Multi (11pt) / 1pt HS / 1pt / Spot	Face / AF Tracking / Multi (11pt) / 1pt HS / 1pt / Spot	Face / Touch AF/AE Tracking / Multi (11pt) / 1pt HS / 1pt / Spot	Face / AF Tracking / Multi (11pt) / 1pt HS / 1pt / Spot	Face / AF Tracking / Multi (11pt) / 1pt	Face / AF Tracking / Multi (11pt) / 1pt	Face / Multi (9pt) / 1pt	Face / Multi (9pt) / 1pt	Face / Multi (9pt) / 1pt	Face / Multi (9pt) / 1pt
	Shutter	Shutter Speed	8-1/2000 sec (Selectable minimum shutter speed) Starry Sky Mode : 15, 30, 60sec.	8-1/2000 sec (Selectable minimum shutter speed) Starry Sky Mode : 15, 30, 60sec.	8-1/1300 sec (Selectable minimum shutter speed) Starry Sky Mode : 15, 30, 60sec.	60-1/2000 sec (Selectable minimum shutter speed) Starry Sky Mode : 15, 30, 60sec.	8-1/2000 sec (Selectable minimum shutter speed) Starry Sky Mode : 15, 30, 60sec.	8-1/2000 sec Starry Sky Mode : 15, 30, 60sec.	8-1/2000 sec Starry Sky Mode : 15, 30, 60sec.	8-1/2000 sec Starry Sky Mode : 15, 30, 60sec.	8-1/2000 sec Starry Sky Mode : 15, 30, 60sec.	8-1/2000 sec Starry Sky Mode : 15, 30, 60sec.	8-1/2000 sec Starry Sky Mode : 15, 30, 60sec.
	Finder	Viewfinder	-	-	-	-	-	-	-	-	-	-	-
Recording	iA	Face Recognition	Photo	-	Photo	Photo	Photo	-	-	-	-	-	-
		Optical Image Stabilizer	Photo & Movie	Photo & Movie	Photo & Movie	Photo & Movie	Photo & Movie	Photo & Movie	Photo & Movie	Photo & Movie	Photo & Movie	-	Photo & Movie
		Intelligent ISO Control	Photo	Photo	Photo	Photo	Photo	Photo	Photo	Photo	Photo	Photo	Photo
		Face Detection	Photo & Movie	Photo	Photo & Movie	Photo	Photo	Photo	Photo	Photo	Photo	Photo	Photo
		Intelligent Scene Selector	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro), & Movie (Portrait, Scenery, Low Light, Macro)	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro),	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro), & Movie (Portrait, Scenery, Low Light, Macro)	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro)	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro)	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro)	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro)	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro)	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro)	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro)	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro)
		Intelligent Exposure	Photo & Movie	Photo	Photo & Movie	Photo (Low / Medium / Strong / OFF)	Photo	Photo	Photo	-	-	-	-
		AF Tracking	Photo	Photo	Photo	Photo	Photo	Photo	Photo	-	-	-	-
		Digital Red Eye Correction	Photo	Photo	Photo	Photo	Photo	Photo	Photo	Photo	Photo	-	-
		iA Direct Button	-	-	-	-	-	Yes	Yes	Yes	Yes	-	Yes
	File	File Format	Still Image: JPEG (DCF / Exif2.21) Image with Audio: JPEG (DCF / Exif2.21) + QuickTime Motion picture: AVCHD Lite, QuickTime Motion JPEG	Still Image: JPEG (DCF / Exif2.21) Image with Audio: JPEG (DCF / Exif2.21) + QuickTime Motion picture: QuickTime Motion JPEG	Still Image: JPEG (DCF / Exif2.21) Image with Audio: JPEG (DCF / Exif2.21) + QuickTime Motion picture: AVCHD Lite, QuickTime Motion JPEG	Still Image: JPEG (DCF / Exif2.21) Image with Audio: JPEG (DCF / Exif2.21) + QuickTime Motion picture: QuickTime Motion JPEG	Still Image: JPEG (DCF / Exif2.21) Image with Audio: JPEG (DCF / Exif2.21) + QuickTime Motion picture: QuickTime Motion JPEG	Still Image: JPEG (DCF / Exif2.21) Motion picture: QuickTime Motion JPEG	Still Image: JPEG (DCF / Exif2.21) Motion picture: QuickTime Motion JPEG	Still Image: JPEG (DCF / Exif2.21) Motion picture: QuickTime Motion JPEG	Still Image: JPEG (DCF / Exif2.21) Motion picture: QuickTime Motion JPEG	Still Image: JPEG (DCF / Exif2.21) Motion picture: QuickTime Motion JPEG	Still Image: JPEG (DCF / Exif2.21) Motion picture: QuickTime Motion JPEG
		AVCHD Lite REC	NTSC / PAL (Depends on Region)	-	NTSC / PAL (Depends on Region)	-	-	-	-	-	-	-	-
	Interface	Mode Switch	[Recording] / [Playback]	[Recording] / [Playback]	[Playback]	[Recording] / [Playback]	[Recording] / [Playback]	[Recording] / [Playback]	[Recording] / [Playback]	[Recording] / [Playback]	[Recording] / [Playback]	[Recording] / [Playback]	[Recording] / [Playback]
		One-Touch Movie Button	Yes	-	Yes	-	-	-	-	-	-	-	-
	Recording Modes	Mode Dial	Intelligent AUTO, Normal Picture, MySCN1, MySCN2, SCN, Clipboard	Intelligent AUTO, Normal Picture, MySCN, SCN, Motion Picture, Clipboard	Intelligent AUTO, Normal Picture, SCN, Beach & Surf, Snow, Sports, Clipboard	-	Intelligent AUTO, Normal Picture, SCN, Motion Picture, Clipboard	-	-	-	-	-	-
		Mode Button	-	-	-	Intelligent AUTO, MySCN, SCN, Motion Picture, P(Program) mode, A(AperturePriority) mode, S(Shutter Priority) mode, M(Manual) mode	-	Intelligent AUTO, Normal Picture, MySCN, SCN, Motion Picture	Intelligent AUTO, Normal Picture, MySCN, SCN, Motion Picture	Intelligent AUTO, Normal Picture, MySCN, SCN, Motion Picture	Intelligent AUTO, Normal Picture, MySCN, SCN, Motion Picture	Auto Scene Mode, Normal Picture, SCN, Motion Picture	Intelligent AUTO, Normal Picture, SCN, Motion Picture
		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, S Aerial photo, Pinhole, Film Grain, Underwater	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, Sno 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, Aerial photo, Pinhole, Film Grain, Underwater	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, S Aerial photo, Pinhole, Film Grain	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Panorama Assist, Sports, Night Portra 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, Aerial photo, Pinhole, Film Grain, Underwater	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, 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, Baby1, Baby2, 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, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst, Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial photo, Film Grain, Photo Frame	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst, Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial photo, Film Grain, Photo Frame	Portrait, Soft Skin, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst, Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo	Portrait, Soft Skin, Self-Portrait, Scenery, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst, Starry Sky, Fireworks, Beach, Snow, Aerial Photo
		Movie Scene 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 Picture Scene Mode then pressing movie button. Still Picture Scene Modes without corresponding Movie Scene Mode is recorded in Normal Mode)		Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Low Light, Food, Party, Candle Light, Sunset, Beach & Surf, 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)								
		Continuous Shooting Mode	Full-Resolution Image, 2.3 frames/sec Max. 5 images (Standard mode), Max 3 images (Fine 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)	Full-Resolution Image, 2.5 frames/sec Max. 5 images (Standard mode), Max 3 images (Fine M 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)	Full-Resolution Image, 2.3 frames/sec Max. 5 images (Standard mode), Max 3 images (Fine 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)	Full-Resolution Image, 2.3 frames/sec Max. 5 images (Standard mode), Max 3 images (Fine 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)	Full-Resolution Image, 2.3 frames/sec Max. 5 images (Standard mode), Max 3 images (Fi 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)	Full-Resolution Image, 1.8 frames/sec Max. 5 images (Standard mode), Max 3 images (Fine M High-speed Burst Mode: approx. 5 frames/sec (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16	Full-Resolution Image, 1.8 frames/sec Max. 5 images (Standard mode), Max 3 images (Fine High-speed Burst Mode: approx. 5 frames/sec (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 1	Full-Resolution Image, 2.3 frames/sec Max. 5 images (Standard mode), Max 3 images (Fin High-speed Burst Mode: approx. 6 frames/sec (recorded in 3M for 4:3, 2.5M for 3:2, 2M for	Full-Resolution Image, 3.0 frames/sec Max. 7 images (Standard mode), Max 4 images (Fine M High-speed Burst Mode: approx. 5.5 frames/sec (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 1	Full-Resolution Image, 3.0 frames/sec Max. 7 images (Standard mode), Max 4 images (Fine Mod High-speed Burst Mode: approx. 5.5 frames/sec (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16:9	Full-Resolution Image, 3.0 frames/sec Max. 7 images (Standard mode), Max 4 images (Fine Mo High-speed Burst Mode: approx. 4.5 frames/sec (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16
		Unlimited consecutive shooting	1.8 frames/sec	2.0 frames/sec	1.8 frames/sec	1.8 frames/sec	1.8 frames/sec	1.7 frames/sec	1.7 frames/sec	1.7 frames/sec	2.0 frames/sec	2.0 frames/sec	2.0 frames/sec
		Motion Picture Recording	VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) 1280x720, 60P (AVCHD Lite, SH: 17Mbps / H:13Mbps / L:9Mbps) / 30fps (Motion JPEG)	VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) -	VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) 1280x720, 60P (AVCHD Lite, SH: 17Mbps / H:13Mbps / L:9Mbps) / 30fps (Motion JPEG)	VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) 1280x720, 30fps (Motion JPEG)	VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) 1280x720, 30fps (Motion JPEG)	VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) -	VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) -	VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) -	VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) -	VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG)	VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) -
	Exposure Parameters	Exposure	Program AE	Program AE	Program AE	Program AE, Aperture Priority AE, Shutter Priority AE, Manual	Program AE	Program AE	Program AE	Program AE	Program AE	Program AE	Program AE
		Exposure Compensation	1/3 EV step, +/-2 EV	1/3 EV step, +/-2 EV	1/3 EV step, +/-2 EV	1/3 EV step, +/-2 EV	1/3 EV step, +/-2 EV	1/3 EV step, +/-2 EV	1/3 EV step, +/-2 EV	1/3 EV step, +/-2 EV	1/3 EV step, +/-2 EV	1/3 EV step, +/-2 EV	1/3 EV step, +/-2 EV
		Backlight Compensation	Yes (only in Intelligent AUTO mode)	Yes (only in Intelligent AUTO mode)	Yes (only in Intelligent AUTO mode)	Yes (only in Intelligent AUTO mode)	Yes (only in Intelligent AUTO mode)	Yes (only in Intelligent AUTO mode)	Yes (only in Intelligent AUTO mode)	Yes (only in Intelligent AUTO mode)	Yes (only in Intelligent AUTO mode)	Yes (automatic)	Yes (only in Intelligent AUTO mode)
		Auto (AE) Bracketing	+/- 1/3 EV ~1EV step, 3 frames	+/- 1/3 EV ~1EV step, 3 frames	+/- 1/3 EV ~1EV step, 3 frames	+/- 1/3 EV ~1EV step, 3 frames	+/- 1/3 EV ~1EV step, 3 frames	+/- 1/3 EV ~1EV step, 3 frames	+/- 1/3 EV ~1EV step, 3 frames	+/- 1/3 EV ~1EV step, 3 frames	+/- 1/3 EV ~1EV step, 3 frames	-	-
		Color Bracketing	-	-	-	Standard / Black & White / Sepia (3 images)	-	-	-	-	-	-	-
		Multi-Aspect	Yes	-	-	-	-	-	-	-	-	-	-
		Light Metering	Intelligent Multiple/ Center Weighted/ Spot	Intelligent Multiple/ Center Weighted/ Spot	Intelligent Multiple	Intelligent Multiple/ Center Weighted/ Spot	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple	Intelligent Multiple
		ISO Sensitivity	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1000 High Sensitivity (ISO 1600-6400)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)
		Max Auto ISO Setting	-	-	-	Yes	-	-	-	-	-	-	-
		Multi-Exposure	-	-	-	-	-	-	-	-	-	-	-
	Image Parameters	Aspect Ratio	4:3 / 3:2 / 16:9	4:3 / 3:2 / 16:9	4:3 / 3:2 / 16:9	4:3 / 3:2 / 16:9	4:3 / 3:2 / 16:9	4:3 / 3:2 / 16:9	4:3 / 3:2 / 16:9	4:3 / 3:2 / 16:9	4:3 / 3:2 / 16:9	4:3 / 3:2 / 16:9	4:3 / 3:2 / 16:9
		Still Picture Recording	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) 3776 x 2520 (9.5M) / 3168x2112 (6.5M EZ) / 2656x1768 (4.5M EZ) / 2112x1408 (3M EZ) / 2048 x 1360 (2.5M EZ) 3968 x 2232 (9M) / 3328x1872 (6M EZ) / 2784x1568 (4.5M EZ) / 2208x1248 (2.5M EZ) / 1920 x 1080 (2M EZ)	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) 3648 x 2432 (9M) / 3072 x 2048 (6M EZ) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ) 3648 x 2056 (7.5M) / 3072 x 1728 (5.5M EZ) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)	4000 x 3000(12M)/ 3264 x 2448 (8M EZ) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 1600 x 1200 (2M EZ) / 640 x 480 (0.3M EZ) 4000 x 2672(10.5M) / 3264 x 2176 (7M EZ) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ) 4000 x 2248(9M) / 3264 x 1840 (6M EZ) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)	4000 x 3000(12M)/ 3264 x 2448 (8M EZ) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 1600 x 1200 (2M EZ) / 640 x 480 (0.3M EZ) 4000 x 2672(10.5M) / 3264 x 2176 (7M EZ) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ) 4000 x 2248(9M) / 3264 x 1840 (6M EZ) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)	4000 x 3000(12M)/ 3264 x 2448 (8M EZ) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 1600 x 1200 (2M EZ) / 640 x 480 (0.3M EZ) 4000 x 2672(10.5M) / 3264 x 2176 (7M EZ) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ) 4000 x 2248(9M) / 3264 x 1840 (6M EZ) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)	4000 x 3000(12M)/ 3264 x 2448 (8M EZ) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 1600 x 1200 (2M EZ) / 640 x 480 (0.3M EZ) 4000 x 2672(10.5M) / 3264 x 2176 (7M EZ) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ) 4000 x 2248(9M) / 3264 x 1840 (6M EZ) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)	4000 x 3000(12M)/ 3264 x 2448 (8M EZ) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 1600 x 1200 (2M EZ) / 640 x 480 (0.3M EZ) 4000 x 2672(10.5M) / 3264 x 2176 (7M EZ) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ) 4000 x 2248(9M) / 3264 x 1840 (6M EZ) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)	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) 3648 x 2432 (9M) / 3072 x 2048 (6M EZ) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ) 3648 x 2056 (7.5M) / 3072 x 1728 (5.5M EZ) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)	3264 x 2448 (8M) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 1600 x 1200 (2M EZ) / 640 x 480 (0.3M EZ) 3264 x 2176 (7M) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ) 3264 x 1840 (6M) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)	3264 x 2448 (8M) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) 3264 x 2176 (7M) / 2048 x 1360 (2.5M EZ) 3264 x 1840 (6M) / 1920 x 1080 (2M EZ)	3264 x 2448 (8M) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) 3264 x 2176 (7M) / 2048 x 1360 (2.5M EZ) 3264 x 1840 (6M) / 1920 x 1080 (2M EZ)
		Image Quality	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard	Fine / Standard
		White Balance	Auto / Daylight / Cloudy / Shade / Halogen / White Set White Balance Adjustment (±10steps, except for auto set) (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Pinhole, Panorama Assist mode)	Auto / Daylight / Cloudy / Shade / Halogen / White Set White Balance Adjustment (±10steps, except for auto set) (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Pinhole, Panorama Assist mode)	Auto / Daylight / Cloudy / Shade / Halogen / White Set White Balance Adjustment (±10steps, except for auto set) (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Pinhole, Panorama Assist mode)	Auto / Daylight / Cloudy / Shade / Halogen / White Set / Color Temperature ite Balance Adjustment (2-axis adjustable, ±9steps each, Blue/Amber and Magenta/Green b (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Pinhole, Panorama Assist mode)	Auto / Daylight / Cloudy / Shade / Halogen / White Set White Balance Adjustment (±10steps, except for auto set) (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Pinhole, Panorama Assist mode)	Auto / Daylight / Cloudy / Shade / Halogen / White Set (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Pinhole, Photo Frame mode)	Auto / Daylight / Cloudy / Shade / Halogen / White Set (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Pinhole, Photo Frame mode)	Auto / Daylight / Cloudy / Shade / Halogen / White Set (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Photo Frame mode)	Auto / Daylight / Cloudy / Shade / Halogen / White Set (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Photo Frame mode)	Auto / Daylight / Cloudy / Shade / Halogen / White Set (Selectable at Portrait, Soft Skin, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst mode)	Auto / Daylight / Cloudy / Shade / Halogen / White Set (Selectable at Portrait, Soft Skin, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst mode)
		Quick Menu	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Color Effect	-	-	-	Black & White, Sepia, Cool, Warm	-	-	-	-	-	-	-
		Picture Adjustment	-	-	-	Contrast ±2steps Sharpness ±2steps Saturation ±2steps Noise Reduction ±2steps	-	-	-	-	-	-	-
		Color Mode	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	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
	Others	Still Image with Audio Recording	5 sec	5 sec	5 sec	5 sec	5 sec	-	-	-	-	-	-
		Audio Dubbing	Max. 10sec	Max. 10sec	Max. 10sec	Max. 10sec	Max. 10sec	-	-	-	-	-	-
		Flip Animation	-	-	-	-	-	-	-	-	-	-	-
		Real-time histogram	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-
		Composition Guide line	Yes (2 patterns)	Yes (2 patterns)	Yes (2 patterns)	Yes (2 patterns)	Yes (2 patterns)	Yes (1 pattern)	Yes (1 pattern)	Yes (1 pattern)	Yes (1 pattern)	Yes (1 pattern)	Yes (1 pattern)
		Auto Review	1sec, 2sec, Hold, Zoom	1sec, 2sec, Hold, Zoom	1sec, 2sec, Hold, Zoom	1sec, 2sec, Hold, Zoom	1sec, 2sec, Hold, Zoom	1sec, 2sec, Hold, Zoom	1sec, 2sec, Hold, Zoom	1sec, 2sec, Hold, Zoom	1sec, 2sec, Hold, Zoom	1sec, 2sec, Zoom, Hold	1sec, 2sec, Hold, Zoom
		Review	Yes	Yes	-	-	-	-	-	-	-	-	-
		Easy Zoom / Zoom Resume	No / Yes	No / Yes	No / No	Yes / No	No / No	No / No	No / No	No / No	No / No	No / No	No / No
		Optical Zoom in Motion Picture	Yes	Yes	Yes	-	-	-	-	-	-	-	-
		Zoom Macro	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-
		Orientation Detector	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes
		Scene Mode Help Screen	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Self Timer	2sec / 10sec	2sec / 10sec	2sec / 10sec	2sec / 10sec	2sec / 10sec	2sec / 10sec	2sec / 10sec	2sec / 10sec	2sec / 10sec	2sec / 10sec	2sec / 10sec
		Focus Icon Select	Yes (in Face Recognition only)	No	Yes (in Face Recognition only)	Yes (in Face Recognition only)	Yes (in Face Recognition only)	Yes	Yes	Yes	Yes	-	-
Playback	Display	Playback Mode	Normal Playback, Slideshow, Mode Playback, Category Playback, Favorites Playback	Normal Playback, Slideshow, Mode Playback, Category Playback, Favorites Playback	Normal Playback, Slideshow, Mode Playback, Category Playback, Favorites Playback	Normal Playback, Easy Organization, Thumbnails, Calendar Display, Slideshow, Category Playback, Favorites Playback, Dual-Image Playback	Normal Playback, Slideshow, Category Playback, Favorites Playback	Normal Playback, Dual-Image Playback, Slideshow, Category Playback, Favorites Playback	Normal Playback, Slideshow, Category Playback, Favorites Playback	Normal Playback, Slideshow, Category Playback, Favorites Playback	Normal Playback, Slideshow, Category Playback, Favorites Playback	Normal Playback, Slideshow, Favorites Playback	Normal Playback, Slideshow, Favorites Playback
		Easy Organization	-	-	-	Set Favorites / Delete / Edit (Resize / Trimming / Leveling / Title Edit / Text Stamp / Protect)	-	-	-	-	-	-	-
		Touch Zoom	-	-	-	Yes	-	-	-	-	-	-	-
		Thumbnails / Zoomed Playback	12,30-thumbnails / Max 16x	12,30-thumbnails / Max 16x	12,30-thumbnails / Max 16x	12,30-thumbnails / Max 16x	12,30-thumbnails / Max 16x	12,30-thumbnails / Max 16x	12,30-thumbnails / Max 16x	12,30-thumbnails / Max 16x	12,30-thumbnails / Max 16x	12,30-thumbnails / Max 16x	12,30-thumbnails / Max 16x
		Calender Display / Dual-Image Playback	Yes / No	Yes / No	Yes / No	Yes / Yes	Yes / No	Yes / Yes	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
		Set Favorites / Rotate Image	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / Yes	Yes / No
		Playback Still Images with Audio	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-
		Playback Motion Picture	Yes (Motion JPEG / AVCHD Lite)	Yes (Motion JPEG)	Yes (Motion JPEG / AVCHD Lite)	Yes (Motion JPEG)	Yes (Motion JPEG)	Yes (Motion JPEG)	Yes (Motion JPEG)	Yes (Motion JPEG)	Yes (Motion JPEG)	Yes (Motion JPEG)	Yes (Motion JPEG)
		Slideshow Mode	All / Still Images Only / Motion Picture Only / Favorites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF)	All / Still Images Only / Motion Picture Only / Favorites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF)	All / Still Images Only / Motion Picture Only / Favorites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF)	All Still Images / Favorites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF)	All Still Images / Favorites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF)	All Still Images / Favorites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF)	All Still Images / Favorites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF)	All Still Images / Favorites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF)	All Still Images / Favorites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF)	All Still Images / Favorites BGM Effect (Natural / Slow / Swing / Urban / OFF)	All Still Images / Favorites BGM Effect (Natural / Slow / Swing / Urban / OFF)
		Show Histogram	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-
		Show Highlights	-	-	-	Yes	-	-	-	-	-	-	-
	Delete	Delete Image	Single / Multi / All / All except Favorites	Single / Multi / All / All except Favorites	Single / Multi / All / All except Favorites	Single / Multi / All / All except Favorites	Single / Multi / All / All except Favorites	Single / Multi / All / All except Favorites	Single / Multi / All / All except Favorites	Single / Multi / All / All except Favorites	Single / Multi / All / All except Favorites	Single / Multi / All / All except Favorites	Single / Multi / All / All except Favorites
	Edit	DPOF Print Setting / Set Protection	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
		Resize / Trim / Aspect Conv. / Leveling	Yes / Yes / Yes / Yes	Yes / Yes / No / Yes	Yes / Yes / No / Yes	Yes / Yes / No / Yes	Yes / Yes / No / Yes	Yes / Yes / No / No	Yes / Yes / No / No	Yes / Yes / No / No	Yes / Yes / No / No	Yes / No / No / No	Yes / No / No / No
		Copy / Title Edit / Text Stamp	Yes / Yes / Yes	Yes / Yes / Yes	Yes / Yes / Yes	Yes / Yes / Yes	Yes / Yes / Yes	Yes / Yes / Yes	Yes / Yes / Yes	Yes / Yes / Yes	Yes / Yes / Yes	Yes / Yes / Yes	Yes / Yes / Yes
		Cut Animation	-	-	-	-	-	-	-	-	-	-	-
		PictBridge Support	Single / Multi / All / Favorites / DPOF	Single / Multi / All / Favorites / DPOF	Single / Multi / All / Favorites / DPOF	Single / Multi / All / Favorites / DPOF	Single / Multi / All / Favorites / DPOF	Single / Multi / All / Favorites / DPOF	Single / Multi / All / Favorites / DPOF	Single / Multi / All / Favorites / DPOF	Single / Multi / All / Favorites / DPOF	Single / Multi / All / Favorites / DPOF	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	English,German,French,Italian,Spanish,Polish,Czech,Hungarian,Russian, Chinese(Traditional),Chinese(Simplified), Netherlandic,Thai,Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish	English,German,French,Italian,Spanish,Polish,Czech,Hungarian,Russian, Chinese(Traditional),Chinese(Simplified), Netherlandic,Thai,Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish	English,German,French,Italian,Spanish,Polish,Czech,Hungarian,Russian, Chinese(Traditional),Chinese(Simplified), Netherlandic,Thai,Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish	English,German,French,Italian,Spanish,Polish,Czech,Hungarian,Russian, Chinese(Traditional),Chinese(Simplified), Netherlandic,Thai,Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish	English,German,French,Italian,Spanish,Polish,Czech,Hungarian,Russian, Chinese(Traditional),Chinese(Simplified), Netherlandic,Thai,Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish	English,German,French,Italian,Spanish,Polish,Czech,Hungarian,Russian, Chinese(Traditional),Chinese(Simplified), Netherlandic,Thai,Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish	English,German,French,Italian,Spanish,Polish,Czech,Hungarian,Russian, Chinese(Traditional),Chinese(Simplified), Netherlandic,Thai,Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish	English,German,French,Italian,Spanish,Polish,Czech,Hungarian,Russian, Chinese(Traditional),Chinese(Simplified), Netherlandic,Thai,Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish	English,German,French,Italian,Spanish,Polish,Czech,Hungarian,Russian, Chinese(Traditional),Chinese(Simplified), Netherlandic,Thai,Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish	English,German,French,Italian,Spanish,Polish,Czech,Hungarian,Russian, Chinese(Traditional),Chinese(Simplified), Netherlandic,Thai,Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish
		Viera Link	Yes	-	Yes	-	-	-	-	-	-	-	-
		HDMI Output	Video: Auto / 1080i / 720p / 576p (PAL) / 480p (NTSC) Audio: Dolby Digital Stereo Creator (Dolby AC3)	-	Video: Auto / 1080i / 720p / 576p (PAL) / 480p (NTSC) Audio: Dolby Digital Creator (Dolby AC3)	-	-	-	-	-	-	-	-
		Movie REC Guide	Yes	-	Yes	-	-	-	-	-	-	-	-
		Wind-Cut in Motion Picture	Yes	-	Yes	-	-	-	-	-	-	-	-
		Travel Date / World Time	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Others	Monitor	LCD Monitor	3.0" TFT LCD Display (460K dots) Field of View : approx. 100%, Wide Viewing Angle AUTO Power LCD mode, Power LCD mode	2.7" TFT LCD Display (230K dots) Field of View : approx. 100% AUTO Power LCD mode, Power LCD mode, High angle mode	2.7" TFT LCD Display (230K dots) Field of View : approx. 100%, Wide Viewing Angle AUTO Power LCD mode, Power LCD mode	3.0" TFT Touch Screen LCD Display (230K dots) Field of View : approx. 100%, Wide Viewing Angle AUTO Power LCD mode, Power LCD mode	2.5" TFT Screen LCD Display (230K dots) Field of View : approx. 100%, Wide Viewing Angle AUTO Power LCD mode, Power LCD mode	3.0" TFT Screen LCD Display (230K dots) Field of View : approx. 100% AUTO Power LCD mode, Power LCD mode, High-Angle LCD	2.7" TFT Screen LCD Display (230K dots) Field of View : approx. 100% AUTO Power LCD mode, Power LCD mode, High-Angle LCD	2.7" TFT Screen LCD Display (230K dots) Field of View : approx. 100% AUTO Power LCD mode, Power LCD mode, High-Angle LCD	2.5" TFT Screen LCD Display (230K dots) Field of View : approx. 100% AUTO Power LCD mode, Power LCD mode, High-Angle LCD	2.5" TFT Screen LCD Display (230K dots) Field of View : approx. 100% AUTO Power LCD mode, Power LCD mode, High-Angle LCD	2.5" TFT Screen LCD Display (230K dots) Field of View : approx. 100% AUTO Power LCD mode, Power LCD mode, High-Angle LCD
	Tough	Water Proof	-	-	3.0m (IEC60529 IPX8 compliant)	-	-	-	-	-	-	-	-
		Dust Proof	-	-	Yes (IEC60529 IP5X compliant)	-	-	-	-	-	-	-	-
		Shock Proof	-	-	1.5m (MIL-STD810F Method 516.5-Shock compliant)	-	-	-	-	-	-	-	-
	Flash	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)	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)	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off 0.3 - 5.1m (Wide/ISO Auto), 0.3 - 2.8m (Tele/ISO Auto)	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off 0.6 - 6.0m (Wide/ISO Auto), 1.0 - 2.8m (Tele/ISO Auto)	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off 0.6 - 6.0m (Wide/ISO Auto), 1.0 - 2.8m (Tele/ISO Auto)	Auto, Auto/Red-eye Reduction, Forced On, Forced Off 0.3 - 5.3m (Wide/ISO Auto), 1.0 - 3.0m (Tele/ISO Auto)	Auto, Auto/Red-eye Reduction, Forced On, Forced Off 0.3 - 5.3m (Wide/ISO Auto), 1.0 - 3.0m (Tele/ISO Auto)	Auto, Auto/Red-eye Reduction, Forced On, Forced Off 0.3 - 6.3m (Wide/ISO Auto), 0.5 - 3.0m (Tele/ISO Auto)	Auto, Auto/Red-eye Reduction, Forced On, Forced Off 0.3 - 6.3m (Wide/ISO Auto), 0.5 - 3.0m (Tele/ISO Auto)	Auto, Auto/Red-eye Reduction, Forced On, Forced Off 0.3 - 6.3m (Wide/ISO Auto), 0.5 - 3.0m (Tele/ISO Auto)	Auto, Auto/Red-eye Reduction, Forced On, Forced Off 0.3 - 5.9m (Wide/ISO Auto), 0.5 - 2.8m (Tele/ISO Auto)
		External Flash	-	-	-	-	-	-	-	-	-	-	-
	Media	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, 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)
		LED Illumination	-	-	Yes	-	-	-	-	-	-	-	-
		Built-in-Memory	approx. 40MB	approx. 40MB	approx. 40MB	approx. 40MB	approx. 40MB	approx. 50MB	approx. 50MB	approx. 50MB	approx. 50MB	approx. 50MB	approx. 50MB
	Audio	Microphone / Speaker	Stereo / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes	Mono / Yes
	Interface	Interface	miniHDMI, USB2.0 High speed / AV Output (NTSC/PAL or NTSC only) / DC Input (requires optional Multi Conversion Adapter)	USB2.0 High speed / AV Output (NTSC/PAL or NTSC only) / DC Input (requires optional Multi Conversion Adapter)	miniHDMI, USB2.0 High speed / AV Output (NTSC/PAL or NTSC only) / DC Input (requires optional Multi Conversion Adapter)	HD Component Output, AV Output (NTSC/PAL or NTSC only) / USB2.0 High speed, DC Input (requires optional DC Coupler)	HD Component Output, AV Output (NTSC/PAL or NTSC only) / USB2.0 High speed, DC Input (requires optional DC Coupler)	AV Output (NTSC/PAL or NTSC only) / USB2.0 High speed, DC Input (requires optional DC Coupler)	AV Output (NTSC/PAL or NTSC only) / USB2.0 High speed, DC Input (requires optional DC Coupler)	AV Output (NTSC/PAL or NTSC only) / USB2.0 Full speed, DC Input (requires optional DC Coupler)	AV Output (NTSC/PAL or NTSC only) / USB2.0 Full speed, DC Input (requires optional DC Coupler)	AV Output (NTSC/PAL or NTSC only) / USB2.0 Full speed, DC Input (requires optional DC Coupler)	AV Output (NTSC/PAL or NTSC only) / USB2.0 Full speed, DC Input (requires optional DC Coupler)
	Power	Power	ID-Security Li-ion Battery Pack (3.6V, 895mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional)	ID-Security Li-ion Battery Pack (3.6V, 895mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional)	ID-Security Li-ion Battery Pack (3.6V, 940mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional)	ID-Security Li-ion Battery Pack (3.6V, 940mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional)	ID-Security Li-ion Battery Pack (3.6V, 940mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional)	ID-Security Li-ion Battery Pack (3.6V, 940mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional, requires DC Coupler)	ID-Security Li-ion Battery Pack (3.6V, 940mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional, requires DC Coupler)	ID-Security Li-ion Battery Pack (3.6V, 940mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional, requires DC Coupler)	ID-Security Li-ion Battery Pack (3.6V, 940mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional, requires DC Coupler)	ID-Security Li-ion Battery Pack (3.6V, 940mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional, requires DC Coupler)	Alkaline AA Battery x2 (Included) AC Adaptor (Input: 110-240V AC) (Optional, requires DC Coupler)
		Battery life (approx.)	300 pictures (CIPA Standard)	320 pictures (CIPA Standard)	340 Pictures (CIPA Standard)	350 pictures (CIPA Standard)	350 pictures (CIPA Standard)	330 pictures (CIPA Standard)	330 pictures (CIPA Standard)	360 pictures (CIPA Standard)	400 pictures (CIPA Standard)	410 pictures (CIPA Standard)	270 pictures (Alkaline Batteries, CIPA Standard) 300 pictures (Evolta Batteries, CIPA Standard) 550 pictures (NiHM Batteries, CIPA Standard)
	Standard Package	Included Software	PHOTOfunSTUDIO v3.0 HD Edition ArcSoft (MediaImpression / Panorama Maker) USB Driver, QuickTime	PHOTOfunSTUDIO v3.0 ArcSoft (MediaImpression / Panorama Maker) USB Driver, QuickTime	PHOTOfunSTUDIO v3.0 HD Edition ArcSoft (MediaImpression / Panorama Maker) USB Driver, QuickTime	PHOTOfunSTUDIO v3.0 ArcSoft (MediaImpression / Panorama Maker) USB Driver, QuickTime	PHOTOfunSTUDIO v3.0 ArcSoft (MediaImpression / Panorama Maker) USB Driver, QuickTime	PHOTOfunSTUDIO v3.0 ArcSoft (MediaImpression / Panorama Maker) USB Driver, QuickTime	PHOTOfunSTUDIO v3.0 ArcSoft (MediaImpression / Panorama Maker) USB Driver, QuickTime	PHOTOfunSTUDIO v3.0 ArcSoft (MediaImpression / Panorama Maker) USB Driver, QuickTime	PHOTOfunSTUDIO v3.0 ArcSoft (MediaImpression / Panorama Maker) USB Driver, QuickTime	PHOTOfunSTUDIO v3.0 USB Driver, QuickTime	PHOTOfunSTUDIO v3.0 USB Driver
		Standard Accessories	Battery Charger, Battery Pack, Battery Case AV Cable, USB Connection Cable, AC Cable Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case AV Cable, USB Connection Cable, AC Cable Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case AV Cable, USB Connection Cable, AC Cable Hand Strap (with stopper), CD-ROM	Battery Charger, Battery Pack, Battery Case AV Cable, USB Connection Cable, AC Cable Hand Strap, CD-ROM, Touch Pen	Battery Charger, Battery Pack, Battery Case AV Cable, USB Connection Cable, AC Cable Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case AV Cable, USB Connection Cable, AC Cable Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case AV Cable, USB Connection Cable, AC Cable Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case AV Cable, USB Connection Cable, AC Cable Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case AV Cable, USB Connection Cable, AC Cable Hand Strap, CD-ROM	Battery Charger, Battery Pack, Battery Case AV Cable, USB Connection Cable, AC Cable Strap, CD-ROM	Battery Pack (AA Alkaline Batteries x 2), AV Cable, USB Connection Cable, Hand Strap, CD-ROM