EX-H30 Specifications

			EX-H30
Number of Effective Pixels			16.1 megapixels(/million)
Image Sensor			1/2.3-inch square pixel CCD
	Total Pixels		16.57 megapixels(/million)
File Format	Still Images		JPEG (Exif Version 2.3, DCF 2.0 standard, DPOF compliant)
	Movies		AVI format, Motion JPEG, IMA-ADPCM (monaural)
	Audio (Voice Recording)		WAV format (monaural)
Built-in Flash Memory (Image Area)*1			It has not yet been fixed
Recording Media			SD Memory Card*2, SDHC Memory Card , SDXC Memory Card compatible
Number of Recorded Pixels	Still Images		16M (4608 x 3456), 3:2 (4608 x 3072), 16:9 (4608 x 2592), 10M (3648 x 2736), 5M (2560 x 1920), 3M (2048 x 1536), VGA (640 x 480)
	Movies		HD: 1280 x 720 (24 fps) , STD: 640 x 480 (30 fps)
Recording Capacity (Maximum Image Size Setting)	Still Images (JPEG)	SD Memory Card 1GB*3	It has not yet been fixed
	Movies	Recording Time	It has not yet been fixed
		SD Memory Card 1GB*3	It has not yet been fixed
Continuous Shutter	High-speed Continuous Shutter		Approx. 10 frames per second at 1280 x 960 pixels Approx. 4 frames per second at 1600 x 1200 pixels
	Flash Continuous Shutter		Approx. 3 frames per second at 1600 x 1200 pixels (Up to 3 shots)
Lens	Construction		9 lenses in 8 groups, including aspherical lens
	F-number		F3.0 (W) to F5.9 (T)
	Focal Length		f = 4.24 to 53.0mm
		35mm Film Equivalent	Approx. 24 to 300mm
Zoom Ratio			12.5X optical zoom, 18.8X Single Frame SR Zoom, 4X digital zoom, 199.3X maximum digital zoom (in combination with HD Zoom, VGA size)
Focusing	Focus Type		Contrast Detection Auto Focus
	Focus Modes		Auto Focus, Macro Mode, Super Macro, Infinity Mode, Manual Focus
	AF Area		Intelligent, Spot, Multi, Tracking
	AF Assist Lamp		Yes
Focus Range*5 (From Lens Surface)	Auto Focus		Approx. 5cm to infinity (W)
	Macro		Approx. 1cm ～ 50cm (Fifth step from widest setting)
	Super Macro		Approx. 1cm ～50cm
	Infinity Mode		Infinity
	Manual Focus		Approx. 5cm to infinity (W)
Exposure	Exposure Metering		Multi-pattern, center weighted, spot by imaging element
	Exposure Control		Program AE, Aperture Priority AE, Shutter Speed Priority AE, Manual Exposure
	Exposure Compensation		-2EV to +2EV (in 1/3EV steps)
Shutter			CCD electronic shutter, mechanical shutter
	Shutter Speed*6	Auto	1/2 to 1/2000 second
		Aperture Priority AE	1 to 1/2000 second
		Shutter Speed Priority AE	8 to 1/2000 second (not fixed)
		Manual Exposure	8 to 1/2000 second (not fixed)
Aperture*5			F3.0 (W) to F7.9 (W)*7
White Balance			Auto WB, Daylight, Overcast, Shade, Day White FL, Daylight FL, Tungsten, Manual WB
Sensitivity (SOS/REI)*8	Still Images		Auto, ISO80, ISO100, ISO200, ISO400, ISO800, ISO1600, ISO3200
	Movies		Auto

			EX-H30
Other Recording Functions	Image Stabilization Mechanism		CCD-shift image stabilization
	Premium AUTO		Yes
	Make-up Mode		Yes (12-level steps)
	Landscape Mode		Yes (Vivid Landscape: 2-level steps / Mist Removal: 2-level steps)
	Handheld Night Scene		Yes
	Lighting Function		Yes
	BEST SHOT		Yes: 36 scenes
		Dynamic Photo	Yes
		Multi-motion Image	Yes
		YouTube™ Capture Mode	Yes
		Voice Recording	Yes
	Face Detection		Yes
	Auto Shutter		Yes
Self-timer			10 seconds, 2 seconds, Triple Self-timer
Built-in Flash	Flash Modes		Auto, Flash Off, Flash On, Red Eye Reduction
	Flash Range*5		Approx. * to *m (W), approx. * to * (T) It has not been fixes
Monitor Screen			3.0-inch TFT color LCD (Super Clear LCD), 460,800 dots (960 x 480)
Timekeeping Functions	Date and Time		Recorded with image data
	On-image Time Stamp Function		Yes
	Auto Calendar		To 2049
	World Time		162 cities in 32 time zones, city name, date, time, daylight saving time
External connection terminal			USB port(Hi－Speed USB compatible) / AV output terminal(NTSC/PAL)
Microphone			Monaural
Speaker			Monaural
Power Requirements			Rechargeable lithium ion battery (NP-130)
Battery Life	Number of Shots*12 (CIPA Standards)		It has not yet been fixed
Dimensions	W×H×D （CIPA Standards）		104.8 x 59.1 x 28.6 mm (24.2mm thickness excluding protruding parts)
Weight (CIPA Standards)			Approx. 201g (including Battery and Memory Card*3)･approx. 161g (excluding Battery and Memory Card)
Bundled Accessories			Rechargeable Lithium Ion Battery (NP-130),Lithium Ion Battery Charger(BC-130L), AC power cord, USB cable, AV cable, strap, CD-ROM

1 Built-in memory capacity after formatting.
2 Compatible with Eye-Fi Card, an SD memory card-type wireless LAN.
3 When using Panasonic Pro High Speed 1GB SD Memory Card.
4 Within limits of memory and battery life.
5. Range is affected by optical zoom.
6. May differ according to camera settings.
7. F7.9 is the aperture when an ND filter is being used.
8. SOS: Standard Output Sensitivity; REI: Recommended Exposure Index.