**IMAGE CAPTURE**

**IMAGE STABILIZATION**
Still: Pixel Track SR, Digital SR (ISO 3200-6400 5M or 4M)
Movie: Movie SR

**METERING SYSTEM**
Type: TTL
Multi-segment: Yes
Center weighted: Yes
Spot: Yes
Exposure compensation: +/- 2 EV (1/3 steps)

**ISO SENSITIVITY**
Auto: 80-1600 auto range adjustable, Digital SR 80-6400 (ISO 3200-6400 5M or 4M)
Manual: 80-6400 (iso 3200-6400 5M or 4M)

**WHITE BALANCE**
Auto preset modes: Auto, Daylight, Shade, Tungsten, Fluorescent
Manual mode(s): Yes

**SHUTTER**
Type: Programmed AE electronic lens shutter with CCD electronic shutter
Max speed: 1/1500 to 1/4 sec (up to 4 sec in Night Scene mode)

**CAPTURE MODES**
Mode selection: Auto Picture (Landscape, Portrait, Night Scene, Night Scene Portrait, Standard, Flower, Sport, Candlelight, Blue Sky, Sunset, Text, Group Photo, Pet, Portrait x Blue Sky, Portrait x Sunset, Portrait x Backlight), Program, Night Scene, Movie, Underwater, Underwater Movie, Digital Microscope (2M), Landscape, Flower, Portrait, Digital Wide (5M), Digital SR (ISO 3200-6400 5M or 4M), Surf & Snow, Kids, Pet, Sport, Fireworks, Candlelight, Night Scene Portrait, Text, Food, Digital Panorama (2M per frame), Frame Composite (3M or 2M), Report (1080x960), Green, Voice Recording (via reprogrammable Green button)
Green simplified mode available: Yes
Face detection available: Yes (up to 32 faces), Smile Capture, Blink Detection, Pet Recognition (1 face detect, 3 faces pre-registered)
P/A/S/M/B:
Date stamp: Yes, date, date-time, time (not available in Green mode)
Digital filters (capture): Image Tone (Bright, Natural, Monochrome)
Dynamic Range Adjustment: Yes (highlight and shadow correction)

**DRIVE MODES**
Mode selection: One Shot, Self Timer, Continuous, Burst (5M or 4M), Remote Control, Interval, Auto Bracket
Continuous FPS: Approx 0.68 FPS, Burst TBD FPS for TBD frames (5M or 4M), TBD FPS for TBD frames at ISO 3200-6400 (5M or 4M)
Self-timer: Yes (10s, 2s)
Remote control: Yes (infrared, optional)

**PLAYBACK MODES**
Mode selection: One Shot, Index (6 or 12 thumbnails), Magnification, Movie Playback, Sound Playback, Histogram, Folder Display, Select & Delete, Calendar
Mode pallet: Slideshow, Image Rotation, Small Face Filter, Ink Rubbing Filter, Collage, Digital Filter, Original Frame (5M or 4M), Frame Composite (3M or 2M), Movie Edit, Redeye Edit, Resize, Cropping, Image & Sound Copy, Voice Memo, Protect, DPOF, Startup Screen, Faze Zooming
Magnification: Up to 10X, scrollable
Digital filters (playback): B&W, Sepia, Toy Camera, Retro, Color Extract, Color Emphasis, High Contrast, Starburst, Soft, Fisheye, Brightness, Miniature Movie edit: Save as Still Image, Movie Divide

**FILE FORMATS**
Still: JPG (EXIF 2.3), DCF 2.0, Print Image Matching III
Movie (compression): AVI (Motion JPEG)
Sound: WAV (PCM), monaural

**FILE STORAGE MATRIX (BASED ON 1GB MEMORY)**

<table>
<thead>
<tr>
<th><strong>STILL</strong></th>
<th><strong>14M</strong></th>
<th><strong>10M</strong></th>
<th><strong>7M</strong></th>
<th><strong>5M</strong></th>
<th><strong>3M</strong></th>
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<td>2</td>
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<tr>
<td><strong>Duration</strong></td>
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<td>00:10:09</td>
<td>00:05:00</td>
<td>00:03:33</td>
<td>00:02:20</td>
<td>00:01:33</td>
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<td>4</td>
<td>2.5</td>
<td>1.7</td>
<td>1.2</td>
<td>0.9</td>
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<tr>
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<td>598</td>
<td>465</td>
<td>356</td>
<td>232</td>
<td>147</td>
</tr>
</tbody>
</table>

**SOUND (H:M:S)**
HD 720p: 00:40:18
VGA: 00:30:00
QVGA: 00:21:54

**SMALL FILE**

**PHYSICAL SPECIFICATIONS**
Dimensions (W x H x D): 4.5 x 2.3 x 1.1”
Weight: 5.9 oz (WG-1), 5.3 oz (WG-1 GPS)

**AC ADAPTER K-AC117U**

**OPTIONAL ACCESSORIES**

**KIT COMPONENTS**

**OPTICAL HARDWARE**

**COMPONENTS**

**OPTIONAL ACCESSORIES**

**SENSOR**
Type: 1/2.3” interline transfer CCD w primary color filter
Effective pixels: 14
Total pixels: 14.48
Recorded resolutions:
- Still: 14M (4288x3216), 10M (1,3126x2136), 10M (16:9, 2242x2376), 7M (3072x2048), 5M (9:16, 2048x1360), 5M (2592x1944), 4M (16:9, 2592x1464), 3M (2048x1536), 2M (16:9, 1290x1080), 1024 (1024x768), VGA (640x480)
- Movie: HD (1280x720p30/15), VGA (640x480p30/15), QVGA (320x240p30/15)
Quality levels: ★★★ best, ★★★★ better, ★★★★★ best

**LENS**
Type/construction: PENTAX zoom lens, 11 elements, 9 groups (5 aspheric elements)
Optical zoom: 5X
Focal length (equiv.): 5-25mm (28-140mm)
Digital zoom: 6.7X
Combined zoom: 33.5X
Intelligent zoom: Approx 7.0X at 7M to 33.5X at VGA
Aperture: F3.5-5.5

**LCD/VIEWFINDER**
LCD screen: 2.7” widescreen TFT color LCD w anti-reflective coating on cover
LCD resolution: 230,000 dots
Wide angle viewable: Yes
Viewfinder: n/a

**FOCUS SYSTEM**
Type: TTL contrast detection autofocus, AF assist lamp, Macro illuminating LEDs
Focus modes: 9 point AF, Spot AF, Auto Tracking AF, Macro, Super Macro, Infinity
Landscape, Pan Focus, Manual Focus
Manual focus: Yes
Macro focus: Yes, Macro and Super Macro available
Focus lock: Yes, by pressing the shutter release button half way
Focus range:
- Normal: 1.64’ to infinity
- Macro: 0.33 to 1.97”
- Super Macro: 0.03 (1cm) to 0.98” (at mid-zoom, set automatically)

**FLASH**
Type: Built-in series control auto flash
Flash modes: Auto, Flash Off, Flash On, Auto + Redeye, On + Redeye
Effective range: 13’ (wide, auto ISO), 6.2’ (tele, auto ISO)

**STORAGE MEDIA**
Internal memory: 97MB
Removable memory: SD, SDHC, SDXC

**INTERFACES**
Ports:
- USB: 2.0 hi-speed, AV out, HDMI (Micro, Type-D)
- Video out: NTSC, PAL, HD (HDMI supports HD Auto, 1080, 720p, 480p)
- Printer interfaces: n/a

**POWER SUPPLY**
Power source: Rechargeable Li-ion battery D-LI92
Recordable images: Approx 260
Playback time: Approx 280 min
Movie recording time: Approx 120 min
Audio recording time: Approx 350 min
AC adapter available: Yes (optional)

**PHYSICAL SPECIFICATIONS**
Dimensions (W x H x D): 4.5 x 2.3 x 1.1”
Weight:
- Without battery or removable memory: 5.0 oz (WG-1), 5.2 oz (WG-1 GPS)
- Loaded and ready: 5.3 oz (WG-1), 5.9 oz (WG-1 GPS)
Construction material(s): Reinforced polycarbonate plastic w aluminum accents
Operating temperature: 14-104°F (coldproof)
Weather Resistant: Yes, JIS Class 8 waterproof submersible to 33’, JIS Class 6 dustproof
Shock Resistant: Yes, shockproof to 5’

**TIMING**
Start-up: Approx 1.3 sec
Release lag: Approx 0.037 sec

**LANGUAGE SUPPORT**
English, French, German, Spanish, Portuguese, Italian, Dutch, Japanese, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Thai, Korean, Simplified/Traditional Chinese

**USB Cable I-USB7, AV Cable I-AVC7, Rechargeable Li-ion Battery D-LI92, Battery Charger Kit K-BC2U, Strap O-ST104, Carabiner Strap O-ST117, (WG-1 GPS), Carabiner Strap O-ST118 (WG-1), Macro Stand O-MS1, Software CD-ROM S-SW117**

**OPTIONAL ACCESSORIES**

**AC Adapter K-AC117U, Adventure Case w Carabiner, Adventure Sleeve, Optio Floating Strap (yellow, wrist strap), Remote Control WP, Optio Extended Warranty (+2 year)**