



12 Mega Pixels Digital Camera Specifications

- **12.0 Mega Pixel**
- **3.0" LCD Display**
- **3 x Optical zoom**
- **Face/ Blink Detection**
- **Smile Shutter**
- **Stabilizer**
- **Over 20 Scene Mode**

Image Sensor	1/2.3" 12.0 Mega Pixels CCD
LCD Display	3" LCD Display (230K)
Exterior Case Parts	Metal Cover
Aperture	F/3 (W) , F/5.6 (T)
Zoom	Optical Zoom: 3X/ Digital Zoom: 1X - 5X
Focal Length	f = 6.2 (W) mm - 18.6 (T) mm
Focus Range	Normal: Wide: 80cm - infinity Tele: 80cm - infinity Macro: Wide: 5cm - 100cm Tele: 30cm - 100cm
Image Resolution	Still Image: 12M(4000x3000), (3:2)(4000x2672), 8M(3264x2448), 5M(2592x1944), 3M(2048x1536), 16:9(1920x1080), VGA Movie: 16:9(720x400), 640(640x480), 320(320x240), Share(640x480) – (30fps)
Scene Mode	Auto, Program, Aperture Priority, Shutter Priority, Manual Exposure, Intelligent Scene, Portrait, Landscape, Sunset, Backlight, Kids, Night Scene, Fireworks, Snow, Sports, Party, Candlelight, Night Portrait, Soft Skin, Soft Flowing Water, Food, Building, Text, Auction, Smile Capture, Blink Detection, Pre-Composition, Love Portrait, Voice REC
Flash Mode	Auto, Red Eye reduction , Slow Sync., Forced On, Forced Off
Exposure Control	+/-2.0EV with 0.3EV Steps
White Balance	Auto, Day light, Cloudy, Tungsten, Fluorescent_1, Fluorescent_2, Customer
ISO Equivalent	Auto, ISO 100, 200, 400, 800, 1600, 3200
Quality Level	S. Fine , Fine , Normal
File Format	Still Image: JPEG Movie: MJPEG (with AVI format)
Metering	Multi, Center, Spot
Color Mode	Normal, Vivid, Sepia, B&W, Vivid Red, Vivid Green, Vivid Blue
Drive Mode	Off, 2 sec, 10 sec, Double, Burst
Assist Lamp	Yes
Sharpness	High, Normal, Low
Stabilizer	Yes
Face Detection	Yes
Blink Detection	Yes
Smile Shutter	Yes
Voice Memo	Voice Memo in Still Image (max. 30 sec.)
Microphone	Built-in
Speaker	Built-in
Power Saving	1 min, 3 min, 5 min, Off
Image Editing	Rotate, Digital Zoom 1x ~ 12x, Scollable, Trimming, Resize, Red-eye removal
TV System	PAL, NTSC
Storage	Internal: 32MB (system) External: SD/ SDHC Card (support up to 32GB)
Camera Interface	USB 2.0 Full speed
Host Platform	Windows 2000, XP, Vista, Mac OS 10.0 - 10.4 or Later
Language	English, French, Spanish, German, Italian, Russian, Portuguese, Brazil Portuguese, Dutch, Turkish, Polish, Hungarian, Romanian, Czech, Bulgarian, Croatian, Slovak, Slovenian, Greek, Swedish, Norwegian, Finnish, Danish, Arabic, Indonesia, Malay, Thai, Japanese, Korean, S. Chinese, T.Chinese
Power Supply	Li-Ion Battery
Dimension	90(W) x 56.8(H) x 18.8(D) mm
Accessories	USB Cable, Strap, Li-ion Battery, Charger Kit, Quick Start Guide, Software CD (User Manual /AP/Driver)

