



Digital Camcorder  
**eclipse EXPLORER**

# High-Definition without Bounds

- HD 1080p Movie
- Waterproof
- Shockproof
- HDMI
- 2.5" Auto Brightness LCD
- 4x Digital Zoom  
with Image Stabilization





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- HDMI
- 2.5" Auto Brightness LCD
- 4x Digital Zoom with Image Stabilization
- 5MP still pictures



Product Category		Digital Camcorder
Effective Image Sensor Pixels		5.03 Megapixels (2592x1944)
Image Sensor		5.08 Megapixels [1 / 2.5" (COMS)]
Lens	Focal Length f=	5.5 mm
	[35 mm film equivalent]	33 mm
	F number	2.8
	Lens Component	4P
	Focusing Range	1.5m ~ infinite
Anti-Handshake		Digital Image Stabilization
Digital Zoom		4x Digital Zoom
Number of Recording Pixels		
	Movie	1920x1080 pixels: 30fps, 1280x720pixels: 60fps, 1280x720 pixels: 30fps, 1440x1080pixel: 30fps, 640x480pixel: 30fps
	Still Image	5MP: 2592x1944 (4:3), 3MP: 2560x1440 (16:9)
	Still Image in video	The resolution of still photo captured while video recording is same as video resolution
Image Compression		Best, Fine, Normal
File Format	Movie	Movie Format: MPEG-4 AVC / H.264 (MOV), Audio: AAC
	Still Image	Exif 2.2 (JPEG)
Shooting Modes		Auto
Detection Features		Face detection
Red-eye Removal		Yes
Waterproof		Up to 5m
Shockproof		Up to 1.5m
Dustproof		Equivalent to JIS/IEC (IP6X)
LCD Display		2.5 inch (234,400 pixels) Auto Adjust Brightness LCD
ISO Sensitivity		Auto (100-800)
Exposure Metering Method		Artificial Intelligence AE [Ai AE (Face detection AEO)], Center-weighted Average, Spot (Fixed to center of frame)
Exposure Control Method		Program AE
AE Range		LV5 ~ LV16

Playback Modes		Movie, Single Photo, Index, Date Photo, Slide Show Zoom (Approx. 4x), Audio, Histogram Display FF & REW 2x/4x/8x/16x & each frame
White Balance Control		Auto (AWB), Daylight, Cloudy, Fluorescent, Incandescent, Underwater
Continuous Shooting		Approx. 7.3fps (Large / Fine Mode)
Recording Media		Internal Memory: 27MB SD Card / SDHC Card (Up to 32GB support)
Other Features		Multi-language Support (26 languages)
Jacks		Internal USB 2.0, HDMI Jack
Power		Internal Rechargeable Lithium-Ion Battery GB-50 950 mA/H
Approx. Battery life	Still:	Approx. 260 shots (based on CIPA Standards)
	Video:	Approx. 80min (@1080p/ 30fps)
Operation Environment		Temperature: 32 ~ 104 F / 0 ~ 40°C, Humidity: 0 ~ 90%
Dimensions (W x H x D)		105mm x 55.5mm x 20.1mm
Mass		Approx. 5.1oz / 145g (Body only)
Supplied Accessories		AC adapter, USB extension Cable Wrist Strap, CD-ROM, Manual Quick Start Guide, Feature Guide, Warranty Card



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