



See the Specs. Meet the family up close.



Top Level Details				
Recording Time*	60 min		120 min	
Internal Memory	4GB	2GB	8GB	4GB
MSRP	229.99	179.99	199.99	149.99
Designable	Yes		No	
Available colors	(Chrome, Black)	(White, Black)	(White, Black)	(White, Black, Yellow, Pink)
LCD Screen				
Size	1.5" (diagonal)		2.0" (diagonal)	
Resolution	528 x 132		960x240	
Type	Transflective TFT (for bright daylight)			
Video Quality and Performance				
Resolution	1280 x 720	640 x 480	1280x720	640 x 480
Sensor	1/4.5" HD CMOS Sensor 2.2µm pixels	1/4" VGA CMOS Sensor 5.6µm pixels	1/4.5" HD CMOS Sensor 2.2µm pixels	1/4" VGA CMOS Sensor 5.6µm pixels
Light Sensitivity	Ultra low-light sensitivity (>1.4 V/lux-sec) with automatic low light detection	Very high sensitivity (>2.0V/lux-sec) with automatic low light detection	Ultra low-light sensitivity (>1.4 V/lux-sec) with automatic low light detection	Very high sensitivity (>2.0V/lux-sec) with automatic low light detection
Video Compression	Flip Video Engine 3.0	Flip Video Engine 2.5	Flip Video Engine 3.5	
Frame Rate	30 frames per second (constant frame rate, progressive scan)			
Average Bitrate	"9.0Mbps (auto-adaptive algorithm)"	4.0Mbps (auto-adaptive algorithm)	9.0Mbps (auto-adaptive algorithm)	4.0 Mbps (Variable)
Video Format	H.264 video compression, AAC audio compression, MP4 file format	Advanced Profile MPEG-4 AVI	H.264 video compression, AAC audio compression, MP4 file format	
White Balance and Exposure	Automatic white balance and black level calibration Automatic exposure control with dynamic exposure compensation			
Optics				
Lens Type	Fixed Focus (1.5m to infinity)	Fixed Focus (1m to infinity)	Fixed Focus (1.5m to infinity)	Fixed Focus (0.8m to infinity)
Aperture	f/2.4 (fast lens for great results in low-light environments)			
Zoom	Smooth multi-step 2x digital			

Flip MinoHD

Flip Mino

Flip UltraHD

Flip Ultra

Battery				
Type	Internal Lithium-Ion Rechargeable**	Internal Lithium-Ion Rechargeable**	Flip Video AA rechargeable battery pack (1.2 Volt NiMH rechargeable). Rechargeable through USB	2 AA Batteries or optional Flip Video AA rechargeable battery pack (1.2 Volt NiMH rechargeable). Rechargeable through USB
Life	Up to 2 hours of use between charges	Up to 4 hours of use between charges	Up to 2.5 hours of use between charges using included Flip Video AA rechargeable Battery Pack***	Up to 4.5 hours of use between charges using Flip Video AA rechargeable Battery Pack***
Charge Time	Via computer USB port - approx 3 hrs Via Power Adapter - approx 2 hrs		Using Flip Video AA rechargeable Battery Pack: Via computer USB port - approx 6 hrs Via Power Adapter - approx 3.5 hrs	

Camcorder Functions		
Interface	Touch-sensitive capacitive buttons	Easy-press buttons
Power-up Time	Less than 4 seconds	
Power Saver (Auto Shut-Down)	Yes	
Play All Function	Yes	
Pause, FF/Rewind	Yes	
Set Date/Time Function	Yes	

Additional Specifications			
Dimensions (H x W x D)	3.94" x 1.97" x 0.63"		4.25" x 2.19" x 1.17"
Weight	3.3oz		6.0 oz
PC Connection	Built-in flip-out USB arm (up to USB 2.0 speed)		
Speaker	Built-in speaker		
Microphone	Built-in, wide-range, omni-directional		
TV-Out	NTSC (cable included)		HDMI™ NTSC (cable included)
HDMI Output™	No	No	Yes No
Tripod Mount	Yes		

Built-in Software				
Minimum Requirements Windows	3.0 GHz Intel Pentium 4 or faster processor, Windows XP SP2 with 512 MB of RAM or Vista with 1 GB of RAM, and USB 2.0 port	2.0 GHz Intel Pentium 4 or faster processor, Windows XP SP2 with 512 MB of RAM or Vista with 1 GB of RAM, and USB 2.0 port	3.0 GHz Intel Pentium 4 or faster processor, Windows XP SP2 with 512 MB of RAM or Vista with 1 GB of RAM, and USB 2.0 port	2.0 GHz Intel Pentium 4 or faster processor, Windows XP SP2 with 512 MB of RAM or Vista with 1 GB of RAM, and USB 2.0 port
Minimum Requirements Mac	1.66 GHz Intel Core Duo or faster processor, 1 GB of RAM, OS X Tiger 10.4 or Leopard 10.5, and USB 2.0 port	1.0 GHz PowerPC G4, Intel Core or faster processor, 512 MB of RAM, OS X Tiger 10.4 or Leopard 10.5, and USB 2.0 port	1.66 GHz Intel Core Duo or faster processor, 1 GB of RAM, OS X Tiger 10.4 or Leopard 10.5, and USB 2.0 port	1.0 GHz PowerPC G4, Intel Core or faster processor, 512 MB of RAM, OS X Tiger 10.4 or Leopard 10.5, and USB 2.0 port
Online Sharing	Unlimited private video emails or video greeting cards. Direct Upload to MySpace™ and YouTube™			
Video Editing	Video trim - set start and end points. Create movies with multiple video clips - add titles, music and credits.			
Still Photo	Snap still photos from video			
Software Update	Automatic and on-demand online updates			

Accessories				
Included in Box	TV cable, wrist strap, soft carrying case, quickstart guide		Flip Video AA rechargeable battery pack, wrist strap, soft carrying case, quickstart guide	2x AA alkaline batteries, TV cable, wrist strap, soft carrying case, quickstart guide
Quick Start Guide	Click to download	Click to download	Click to download	Click to download

Flip MinoHD

Flip Mino

Flip UltraHD

Flip Ultra

Accessories (continue)			
Soft Pouch	Yes (Black, Silver)		
Wool Pouch	Yes (Purple, Grey, Orange)	No	No
USB Cables	Yes		
Standard HDMI™ Cables	No	Yes	No
Power Adapter	Yes	Yes - with use of Flip Video Battery Pack	
Battery Pack	No	Yes	

* Recording time varies slightly based on recorded content

** Battery replacement only available through Flip Video Support

*** Battery life may vary depending on batteries and use pattern