flip video™

See the Specs. Meet the family up close.

Flip Mino*HD*	Flip Mino	Flip Ultra*HD*	Flip Ultra
.63" 1.97" 3.94"	.63" 1.97" 3.94"	1.17" 2.19" 4.25"	1.17" 2.19" 4.25"

Top Level Detals

	Flip MinoHD	Flip Mino	Flip UltraHD	Flip Ultra
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 Mino*HD*	Flip Mino	Flip Ultra*HD*	Flip Ultra
Battery				
Type	Internal Lithium-Ion Rechargable**	Internal Lithium-Ion Rechargable**	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 rechargable Battery Pack***	Up to 4.5 hours of use between charges using Flip Video AA rechargable Battery Pack***
Charge Time	Via computer USB port - approx 3 hrs Via Power Adapter - approx 2 hrs		Using Flip Video AA rechargable 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

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	Flip Mino*HD*	Flip Mino	Flip Ultra*HD*	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

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