

ENTER THE NINJA



FROM LENS TO TIMELINE TRUE NONLINEAR PRODUCTION

At Atomos we have a clear vision – to revolutionise digital video production by taking advantage of affordable, modern technologies. We aim to combine smart workflows with simple operation to deliver cost-effective recording solutions for today's professionals.

Enter the Atomos Ninja, produced in partnership with Apple and ready to rock your digital production world!

The Ninja by-passes in-camera compression to record your pristine, uncompressed images straight from the HDMI connector of your DSLR or camcorder directly to Apple ProRes – while you're recording!

Now there's no need for capture cards or I/O boxes – Final Cut Pro users can just go straight from lens to timeline!

 ATOMOS

€795
ex. VAT

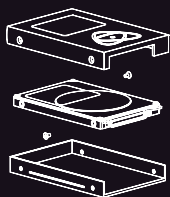
POST PRODUCTION QUALITY, 10-BIT RECORDING

The Ninja implements Apple ProRes in hardware to give you real-time, 10-bit recording anytime, anywhere. It takes advantage of low-cost, modern technology by utilising HDMI-capable pro-video and consumer camcorders as well as DSLRs. Record directly to the Ninja on location in super high quality, for the most streamlined, affordable Final Cut Pro workflow available today.

ProRes

LOW-COST, HIGH-CAPACITY STORAGE

Using flash memory (CF, SD, SDHC) may be ok for stills photography, but it's just not there yet for serious high-definition video production. The professional alternatives – SxS, P2 – are too prohibitively priced to just 'record and forget'. Our goal was to reduce the cost of recording media so drastically that digital media production could be achieved on a traditional tape-based cost model.



Master Caddy

The Ninja uses ordinary, low-cost 2.5" Notebook HDD or SSD hard drives. These are housed securely inside the Atomos Master Caddy, which locks inside the Ninja. The drives are hot-swappable, which means inserting new drives on the fly is a snap.

Using tried and tested storage guarantees performance and reliability. A 750GB/5400rpm drive holds 8 hours of high quality Apple ProRes footage and costs just €90! Spinning HDDs are for everyday use, in normal conditions, while solid-state SSDs can be used in more rugged locations.

CONTINUOUS, HOT-SWAPPABLE POWER

Powering video devices on location or away from studio environments can be a problem. We decided that two batteries were better than one and designed a unique Active/Passive Dual Battery system that means you need never run out of juice on a shoot. When the active battery is depleted, Ninja automatically switches to the fully-charged passive battery. You can simply swap batteries on the fly without affecting operation, and we include two batteries with every Ninja!



A PIPELINE TO YOUR TIMELINE

The Ninja's tight Apple ProRes integration means recorded footage is instantly and natively editable in Final Cut Pro. No need to waste time transcoding or converting from other camera formats. We use standard computer connections – FireWire 800, USB 2/3 or e-SATA – to give you total flexibility when connecting to your MacBook, iMac or MacPro. Simply insert your Master Caddy into the Master Caddy Dock provided and you are editing instantly. You can also, of course, transfer the footage to your central SAN or LAN.



RECORD AND STORE

Keep your pristine footage in the Master Caddy on the shelf for archiving after production. The drives are cheap, the format is high quality and the original recording will always be there for peace of mind. Before Ninja, storing your rushes on the original digital media was unthinkable, now it's a no-brainer.

SIMPLE OPERATION. RUGGED, PORTABLE DESIGN (NINJA + MASTER CADDY)

The Ninja is simple to use, rugged and portable.

There are no fiddly buttons, just a crisp, high-resolution touch screen monitor. Ninja has just FOUR main functions: Record, Stop, Monitor and Play. That's about as simple as it can get! The user interface is designed for one-touch operation with every function clearly visible and accessible.

The Ninja is designed to sit silently on or near the camera or camera operator, so it's small, light yet tough. Made from lightweight, high-grade aluminium, the connectors, storage and batteries are all easily accessible. Line level audio provides higher quality audio than most cameras offer, and the 1/4" headphone out allows for audio monitoring level adjustment. We included a LANC loop too to ensure that the Ninja can be operated remotely.

NINJA SPECS

Dimensions (without Batteries)	112(W)x83(H)x40(D)mm			
Power	Operating Power : approx 6.8W (screen on) Operating Power : approx 6.3W (screen off)			
Batteries	2x Small Battery Packs	31.7 Wh	4.5 hrs	recording
	2x Medium Battery Packs	63.4 Wh	9 hrs	recording
	2x Large Battery Packs	126.7 Wh	18 hrs	recording
	Automatic and manual switchover of battery for continuous operation			
Colour 16:9 TFT Touch Screen	Size	4.3" diagonal		
	Resolution	480x270 resolution		
	Aspect Ratio	16:9 Native / 4:3 Letterbox		
Video Input	HDMI Uncompressed			
Supported Input Formats	HD 1080i59.94, 1080i50, 1080p24, 1080p23.98, 720p59.94, 720p50, SD 480i, 576i			
Recording Formats	Recording Time			
	HDD		SSD	
ProResHQ	300GB	500GB	750GB	128GB
ProRes422	3hrs	5hrs	7.5hrs	77min
ProResLT	4.5hrs	7.5hrs	11.5hrs	2hrs
	6.5hrs	11hrs	16.5hrs	3hrs
	all video input formats supported			
Audio Input	HDMI	2 Channel or 6 Channel Embedded		
	Line In	2 Channel Line Level Audio. Analog gain adjustment		
Audio Output	2 Channel 0.5W Balanced Headphone or Line level output.			
LANC	LANC In and Out for integration with Camera LANC and Accessories LANC Controller feature LANC Loop feature			

MASTER CADDY SPECS

Dimensions	74x101x12mm
Supported Storage	2.5" SSD or HDD minimum 5400rpm Standard 9.5mm height or slimmer drive supported
Master Caddy Dock	2.5" SATA to Firewire 800, USB2/3 and e-SATA
Supported Computers (for SATA adapter)	Mac - All MacBook, MacPro, iMac and MacPro Models Windows - All USB2/3 or e-Sata compatible Notebooks, and Desktops. Note: Apple ProRes Quicktime Application required to run ProRes on windows
Applications	Final Cut Studio – All Apple ProRes supported versions Quicktime Mac and Windows
Accessories	Universal Battery Charger 110-240V Tripod Screw mounts and adaptors Protective cases and Travel Bags

* All specifications are subject to change. Errors & omissions excepted.

