



NINJA 2

Affordable recorder-monitor
for HDMI devices



RECORD FROM ANY HDMI DEVICE

Open up Apple ProRes and Avid DNxHD post production quality recording to thousands of HDMI devices (cameras, projectors, phones, game consoles etc)



RECORD FROM THE SENSOR, ASSASSINATE MPEG

Take your consumer camera to a truly Pro recording device. Avoid the internal MPEG compression & go from sub 30Mbps MPEG to 220Mbps ready to edit 10-bit 422 Apple ProRes HQ & Avid DNxHD 220.

NO MORE 30min BARRIER!

Recording straight out from the sensor means no more 29.59 minute record limits on your internal recordings. Whether you're filming a soccer match or birds in the wild there is no need to worry about your recording stopping at 29.59 minutes.

10 HRS+ 1TB+ LOW COST MEDIA & LONG RECORD TIMES

Record to standard 2.5" HDDs and SSDs. A 1TB HDD gives you 10+ hours of Apple ProRes HQ. Buy your choice of media that is affordable, reliable and readily available.





NINJA-2 SPECIFICATIONS

Weight	
Without batteries & media	300g/11oz
With batteries & media	651g / 23oz
Dimensions (W x H x D mm)	115 x 87 x 41mm, 4.5 x 3.4 x 1.6"
Construction	Aircraft-grade Aluminum for durability & portability
	Fan-less for silent operation
Power	
Operating power	3.3W (monitoring only) / 6.0W (Rec, Mon, Play)
Compatible batteries	NP series, D-Tap and supporting accessories (Nikon ENL6, Canon EL6)
Input voltage (battery)	6.2V to 16.8V
Battery time (based on 7.4V)	2600mAh - up to 5hrs
	5200mAh - up to 9hrs
	7800mAh - up to 14hrs
DC Out	-
Continuous power * Patent pending	Primary-secondary battery system Change batteries without losing power Loop batteries continuously
Powerstation continuous power dual supply	Optional
Touchscreen	
Size	4.3"
Resolution	800 x 480
PPI	220
Aspect ratio	16:9 native / 4:3 Letterbox
Color standard	SMPTE
Native frame rate playback	48-60Hz
Technology	LCD (Resistive touch)
Video input/loop out	
HDMI	1 x HDMI (1.4)
SDI	-
Signal	Uncompressed 10/8bit 4:2:2
Video output (play out)	
HDMI	1 x HDMI (1.4)
SDI	-
Signal	Uncompressed 10/8bit 4:2:2
Supported loop out formats	
HDMI to HDMI	1280 x 720p 50 1920 x 1080i 50/60 1920 x 1080p 24/25/30
SDI to SDI	-
Video signal conversion	
HDMI to SDI	-
SDI to HDMI	-
Supported formats (in/out)	
4K	-
HD - high frame rate	-
HD	1080i60, 1080i59.94, 1080i50, 1080p30, 1080p25, 1080p24, 1080p23.98, 1080pSF23.98, 1080pSF24, 1080pSF25, 1080pSF30, 720p60, 720p59.94, 720p50, SD 480i, 576i

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Realtime hardware encoding		
4K-UHD 3840x2160 8/10-bit 4:2:2 to	-	
1920x1080 8/10-bit 4:2:2 to	Apple ProRes HQ 422 LT	DNxHD 220/220x 145 36
Onboard processing		
Pulldown removal	50i from 25PSF > 25P (2:2 Pulldown) 60i from 30PSF > 30P (2:2 Pulldown) 60i from 24P > 24P (3:2 Pulldown) 60i from 23.98P > 23.98P (3:2 Pulldown)	
Audio in/out (48kHz PCM audio)		
HDMI	2ch 48kHz	
SDI	-	
Audio	Line in / Headphone out 2ch 48kHz	
Remote start/stop		
HDMI	Auto HDMI Trigger Supported Protocols - Canon, Sony, Atomos Open Standard	
SDI	-	
Other	-	
Recording		
Supported media (Approved List Only)	SSD 2.5" HDD (5,400 to 10,000rpm)	
Master caddy case	Master Caddy 1 (included) 75mm x 105mm x 12mm	
Master caddy dock	2.5" SATA to USB 2.0/3.0	
Supported applications	Supported Applications FCPX/FCP7+ / Media Composer 5.0+ / Premiere 5.5+ EDIUS 6.0+ / Vegas Pro 10+ / Lightworks / Autodesk Smoke 2015	
Accessories included	Main unit, Universal battery charger 110-240V, docking station & leads, 2 x master caddy cases, 1 x Atomos 2600mAh battery, Canon & Nikon adapter plates,	
Optional extras	5 x Master caddy cases, Sunhood, D-Tap adapter, car adapter, carry cases, Connect H2S converter, Connect S2H converter, Powerstation	

All specifications correct when published, subject to E&OE.