



# 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

<b>Weight</b>	
<b>Without batteries &amp; media</b>	300g/11oz
<b>With batteries &amp; media</b>	651g / 23oz
<b>Dimensions (W x H x D mm)</b>	115 x 87 x 41mm, 4.5 x 3.4 x 1.6"
<b>Construction</b>	Aircraft-grade Aluminum for durability & portability
	Fan-less for silent operation
<b>Power</b>	
<b>Operating power</b>	3.3W (monitoring only) / 6.0W (Rec, Mon, Play)
<b>Compatible batteries</b>	NP series, D-Tap and supporting accessories (Nikon ENL6, Canon EL6)
<b>Input voltage (battery)</b>	6.2V to 16.8V
<b>Battery time (based on 7.4V)</b>	2600mAh - up to 5hrs
	5200mAh - up to 9hrs
	7800mAh - up to 14hrs
<b>DC Out</b>	-
<b>Continuous power * Patent pending</b>	Primary-secondary battery system Change batteries without losing power Loop batteries continuously
<b>Powerstation continuous power dual supply</b>	Optional
<b>Touchscreen</b>	
<b>Size</b>	4.3"
<b>Resolution</b>	800 x 480
<b>PPI</b>	220
<b>Aspect ratio</b>	16:9 native / 4:3 Letterbox
<b>Color standard</b>	SMPTE
<b>Native frame rate playback</b>	48-60Hz
<b>Technology</b>	LCD (Resistive touch)
<b>Video input/loop out</b>	
<b>HDMI</b>	1 x HDMI (1.4)
<b>SDI</b>	-
<b>Signal</b>	Uncompressed 10/8bit 4:2:2
<b>Video output (play out)</b>	
<b>HDMI</b>	1 x HDMI (1.4)
<b>SDI</b>	-
<b>Signal</b>	Uncompressed 10/8bit 4:2:2
<b>Supported loop out formats</b>	
<b>HDMI to HDMI</b>	1280 x 720p 50 1920 x 1080i 50/60 1920 x 1080p 24/25/30
<b>SDI to SDI</b>	-
<b>Video signal conversion</b>	
<b>HDMI to SDI</b>	-
<b>SDI to HDMI</b>	-
<b>Supported formats (in/out)</b>	
<b>4K</b>	-
<b>HD - high frame rate</b>	-
<b>HD</b>	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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<b>Realtime hardware encoding</b>		
<b>4K-UHD 3840x2160 8/10-bit 4:2:2 to</b>	-	
<b>1920x1080 8/10-bit 4:2:2 to</b>	Apple ProRes HQ 422 LT	DNxHD 220/220x 145 36
<b>Onboard processing</b>		
<b>Pulldown removal</b>	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)	
<b>Audio in/out (48kHz PCM audio)</b>		
<b>HDMI</b>	2ch 48kHz	
<b>SDI</b>	-	
<b>Audio</b>	Line in / Headphone out 2ch 48kHz	
<b>Remote start/stop</b>		
<b>HDMI</b>	Auto HDMI Trigger Supported Protocols - Canon, Sony, Atomos Open Standard	
<b>SDI</b>	-	
<b>Other</b>	-	
<b>Recording</b>		
<b>Supported media (Approved List Only)</b>	SSD 2.5" HDD (5,400 to 10,000rpm)	
<b>Master caddy case</b>	Master Caddy 1 (included) 75mm x 105mm x 12mm	
<b>Master caddy dock</b>	2.5" SATA to USB 2.0/3.0	
<b>Supported applications</b>	Supported Applications FCPX/FCP7+ / Media Composer 5.0+ / Premiere 5.5+ EDIUS 6.0+ / Vegas Pro 10+ / Lightworks / Autodesk Smoke 2015	
<b>Accessories included</b>	Main unit, Universal battery charger 110-240V, docking station & leads, 2 x master caddy cases, 1 x Atomos 2600mAh battery, Canon & Nikon adapter plates,	
<b>Optional extras</b>	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.