



# SAMURAI BLADE

Record, Play, Monitor, Edit from  
any SDI camera



## DIRECTOR QUALITY MONITOR

Real time monitoring with the SuperAtom 5" IPS 325ppi 1280x720 capacitive touchscreen. Monitoring functions at your fingertips including waveform, vectorscope, luma parade, RGB, focus peaking, zebra, false color & blue only.



## PROXIES ON THE GO WITH CUT & TAG EDITING

Create HD proxies on the Samurai Blade as you record 4K at the camera & in real time rough cut your footage. Tag it as Favorite or Reject and save as a project, ready to finalize in the studio.



## LOSSLESS & EDIT FRIENDLY

Avid DNxHD® Maximize use of your camera's spectacular lens & sensor. Bypass internal high compression recording to H.264/AVCHD/MPEG & upgrade to virtually lossless ready-to-edit 10-bit 422 Apple ProRes and Avid DNxHD with the Samurai Blade.



## 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.





SAMURAI BLADE SPECIFICATIONS	
<b>Weight</b>	
Without batteries & HDD	345g/12oz
With batteries & HDD	696g/25oz
<b>Dimensions (W x H x D mm)</b>	153 x 87 x 48mm, 6.0 x 3.4 x 1.9"
<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) / 6.8W (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 4hrs
	5200mAh - up to 8hrs
	7800mAh - up to 12hrs
<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>	5"
<b>Resolution</b>	1280 x 720
<b>PPI</b>	325
<b>Aspect ratio</b>	16:9 native / 4:3 Letterbox
<b>Color standard</b>	REC709 HDTV
<b>Native frame rate playback</b>	48-60Hz
<b>Technology</b>	SuperAtom IPS panel (capacitive touch), calibratable to REC709 with optional Atomos Spyder
<b>Video input/loop out</b>	
<b>HDMI</b>	-
<b>SDI</b>	1 x HD/SD-SDI (SMPTE)
<b>Signal</b>	Uncompressed 10/8bit 4:2:2
<b>Video output (play out)</b>	
<b>HDMI</b>	-
<b>SDI</b>	1 x HD/SD-SDI (SMPTE)
<b>Signal</b>	Uncompressed 10/8bit 4:2:2
<b>Supported loop out formats</b>	
<b>HDMI to HDMI</b>	-
<b>SDI to SDI</b>	720p 50, 1080i 50/60 1080p 24/25/30 1080p 24/25/30
<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>	-	
<b>SDI</b>	12ch 48kHz 16-bit	
<b>Audio</b>	Line in / Headphone out 2ch 48kHz	
<b>Remote start/stop</b>		
<b>HDMI</b>	-	
<b>SDI</b>	SDI Trigger Camera Selectable	
<b>Other</b>	LANC control - Slave	
<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, AC adapter & car charger, docking station & leads, 2 x master caddy cases, 1 x Atomos 2600mAh battery, Rugged carry case, D-Tap adapter	
<b>Optional extras</b>	5 x Master caddy cases, Sunhood, Carry cases, Canon & Nikon adapter plates, Connect H2S con- verter, Connect S2H converter, Powerstation	

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